

**IN THE UNITED STATES DISTRICT COURT  
FOR THE DISTRICT OF NEBRASKA**

RYSTA LEONA SUSMAN, Both  
individually and as a Legal Guardian of  
Shane Allen Loveland; and JACOB  
SUMMERS,

Plaintiffs,

v.

THE GOODYEAR TIRE & RUBBER  
COMPANY,

Defendant.

**ORDER ON FINAL PRETRIAL  
CONFERNECE**

Case No. 8:18-cv-00127

A final pretrial conference was held on the 18<sup>th</sup> day of February, 2020. Appearing for the parties as counsel were:

Kyle W. Farrar, Michael Coyle and Paul Godlweski for the Plaintiffs.

Edward Bott, Jennifer Tricker, and Clark Hedger for The Goodyear Tire & Rubber Company (“Goodyear”).

(A) **Exhibits.** See Attached.

(B) **Uncontroverted Facts.** The parties have agreed that the following may be accepted as established facts for purposes of this case only:

On May 1, 2015 Shane Loveland and Jacob Summers were passengers in the subject Silverado owned by Dandee Construction being driven by Larry Blair. They were on their way to

a job sight when the right rear tire suffered a partial tread separation without loss of air. The tire was a Goodyear Wrangler HT LT235/85R16 designed and manufactured by Goodyear in 1994. The vehicle crossed the median and rolled. Loveland suffered significant brain injuries and Summers suffered significant abdominal and orthopedic injuries.

On June 10, 2014, Kearney Towing & Repair Center, Inc. (“Kearney Towing”) replaced the tires on the Silverado with four used tires provided to Kearney Towing by Dandee Construction, including the tire which suffered a partial tread separation.

(C) **Controverted and Unresolved Issues.** The issues remaining to be determined and unresolved matters for the court’s attention are:

**1) Controverted Issues.**

Plaintiffs’ allegations of design defect, manufacturing defect, negligence, damages and punitive damages are all controverted.

**2) Remaining Factual Disputes.**

- a. Whether Goodyear breached its duty not to design or manufacture a product that created an “unreasonable risk of causing physical harm to those who use the product for a purpose for which Goodyear should expect it to be used by (1) failing to include in the Tire’s design a nylon overlay or nylon cap ply and (2) manufacturing the Tire in a manner that purportedly resulted in misplaced, snaking, or inconsistently-placed belts.
- b. Whether the Tire at Issue was unreasonably dangerous or defective—i.e., whether the Tire had a propensity for causing physical harm beyond that which would be contemplated by the

ordinary user or consumer—because the Tire’s design did not include a nylon overlay or nylon cap ply and because its manufacture purportedly resulted in misplaced, snaking, or inconsistently placed belts.

- c. Whether Goodyear’s design of the Tire “was in conformity with the generally recognized and prevailing state of the art in the industry at the time the specific product involved in the action was first sold to any person not engaged in the business of selling such product.” Neb. Rev. Stat. Ann. § 25-21,182.
- d. Whether Goodyear’s conduct or either of the alleged defects in the Tire was a proximate cause of any injury or damage to plaintiffs.
- e. Whether Goodyear acted with malice or with aggravated or egregious fraud, or whether Goodyear knowingly authorized, participated in, or ratified actions that were malicious or egregious.
- f. Whether the conduct of Larry Blair was an efficient intervening cause or sole proximate cause of the accident and injuries. (Plaintiff’s Motion in Limine pending/controverted by plaintiff.)
- g. Whether the conduct of Dandee was an efficient intervening cause or sole proximate cause of the accident and injuries. (Plaintiff’s Motion in Limine pending/controverted by plaintiff.)
- h. Whether the conduct of Kearney Towing was an efficient intervening cause or sole proximate cause of the accident and injuries. (Plaintiff’s Motion in Limine pending/controverted by plaintiff.)

**3) Bifurcation Of Trial Requested By Goodyear.**

As set out in Goodyear's Motion in Limine on this subject (ECF No. 177), Goodyear filed a motion for bifurcation that Plaintiffs opposed.

**4) Pending Motions in Limine.**

**a.** *Plaintiffs' Motions in Limine*

i. Plaintiffs' Omnibus Motion in Limine

- I. Scene Photos Suggesting Seatbelt Nonuse
- II. Criminal History of Shane Loveland and Jacob Summers
- III. Warranty of the Tire
- IV. Comments about the Age of the Tire
- V. Federal Motor Vehicle Safety Standards
- VI. Prejudicial Issues Relating to Drugs
- VII. Prejudicial References in Medical Records and Employment Records
- VIII. Collateral Source Benefits
- IX. Plaintiffs Sued Kearney Towing, Inc.
- X. Fault of Kearney Towing, Inc.

ii. Plaintiffs' Motion in Limine on Certain Expert Witnesses

**b.** *Goodyear's Motion in Limine*

- i. Motion in Limine (ECF No. 160). Goodyear seeks an Order granting the following relief:

- 1. Exclusion of evidence of post-manufacture design changes to the Subject Tire/subsequent remedial measures. (ECF No. 161.)



2. Limiting Plaintiffs' expert witnesses' opinions and testimony to those subjects and opinions disclosed in their expert reports and deposition testimony. (ECF No. 162.)
3. Precluding Plaintiffs' purported tire-failure expert, David Southwell, from offering opinions first disclosed during his deposition, but not included in his expert report. (ECF No. 163.)
4. Precluding opinions from Plaintiffs' Rehabilitation Expert, Craig Lichtblau, MD, relating to medical treatment Mr. Loveland will likely not need in the future. (ECF No. 164.)
5. Excluding evidence of other sizes, models, and designs of other tires. (ECF No. 165.)
6. Precluding Plaintiffs' purported tire-failure expert, David Southwell, from wearing a lab coat at trial, handing out flashlights to the jurors, and from engaging in other improper interactions with the jury. (ECF No. 166.)
7. Precluding Plaintiffs' purported tire-failure expert, David Southwell, from opining or commenting on the truthfulness of the witnesses and parties. (ECF No. 167.)
8. Precluding evidence of plant practices at Goodyear's Gadsden, Alabama facility. (ECF No. 168.)

9. Precluding evidence regarding discovery in other litigation, unless otherwise stipulated by the parties. (ECF No. 169.)
10. Precluding evidence regarding the Protective Order entered in this case and confidential documents produced in this case. (ECF No. 170.)
11. Precluding evidence of Goodyear's investigation into "tread throws" involving Goodyear Load Range E Light Truck Tires because of protections afforded by the self-critical analysis privilege. (ECF No. 171.)
12. Precluding evidence of "similar" accidents, claims, or lawsuits. (ECF No. 172.)
13. Precluding evidence of any private recall of tires or any post-sale duty to recall. (ECF No. 173.)
14. Precluding evidence of the National Highway Traffic Safety Administration's Preliminary Evaluation of Goodyear's Load Range E tires and Goodyear's Voluntary Replacement Program. (ECF No. 174.)
15. Precluding evidence regarding Bridgestone/Firestone recalls and incidents. (ECF No. 175.)
16. Precluding evidence of adjustment data. (ECF No. 176.)
17. Bifurcating the trial into liability and punitive damages phases and prohibiting Plaintiffs from offering punitive

damages evidence during the liability phase of the trial.  
(ECF No. 177.)

18. Precluding introduction of the “Day In The Life Video of Shane Loveland.” (ECF No. 178.)

19. Exercising its supervisory power to keep any trade secrets and other commercially sensitive documents introduced at trial under seal and related relief. (ECF No. 179.)

20. Precluding evidence, regarding Goodyear’s corporate status, wealth, or power.

21. Precluding reference to Goodyear having hired the best attorneys or experts who make a career out of coming to court to testify.

22. Precluding Plaintiffs from contrasting the wealth and power of the parties.

23. Precluding Plaintiffs from suggesting that Goodyear is motivated by greed.

24. Precluding Plaintiffs from suggesting that the jury should send a message through its verdict or that the verdict will make Goodyear take notice or do the “right thing.”

25. Precluding Plaintiffs from suggesting collusion to distort the truth on the part of Goodyear and its witnesses.

26. Precluding Plaintiffs from invoking the jury’s self-interest or what the verdict would mean to the jury personally.

**(D) Witnesses.**

**1) Plaintiffs.** All witnesses, including rebuttal witnesses, expected to be called to testify by plaintiff, except those who may be called for impeachment purposes as defined in NECivR 16.2(c) only, are:

<b>Rysta Susman</b>	<b>304 Sheppard Avenue Hildreth, NE 68947</b>
<b>Jacob Summers</b>	<b>211 East 8th St., Apt. E6 Kearney, NE 68847</b>
<b>Craig Lichtblau, M.D. Physical Medicine and Rehabilitation Expert Witness</b>	<b>550 Northlake Blvd. North Palm Beach, FL 33408</b>
<b>Bernard F. Pettingill, Ph.D. Expert Witness</b>	<b>93 Sandborne Lane, PGA National Palm Beach Gardens, FL 33418</b>
<b>Theresa Gibbs</b>	<b>304 Sheppard Avenue Hildreth, NE 68947</b>
<b>Melissa Abate (Case Manager)</b>	<b>Learning Services Neurobehavioral Institute 7201 W. Hampden Avenue Lakewood, CO 80227</b>
<b>Chris A. Cornett, M.D. Medical Provider</b>	<b>University of Nebraska Medical Center 42nd and Emile, Omaha, NE 68198</b>
<b>Paul Schenarts, M.D. Medical Provider</b>	<b>University of Nebraska Medical Center 42nd and Emile, Omaha, NE 68198</b>
<b>David Southwell Expert Witness</b>	<b>Tyrexpersts, Inc. 27 Netherby Avenue Netherby, South Australia 5062</b>
<b>Micky Gilbert Expert Witness</b>	<b>Gilbert Engineering, LLC 16254 W. 77<sup>th</sup> Lane Arvada, CO 80007</b>
<b>Jay K. Lawrence via Deposition</b>	<b>Unknown</b>
<b>Beale Robinson via Deposition</b>	<b>Unknown</b>
<b>Ray Young via Deposition</b>	<b>Unknown</b>

**Joseph Zekoski via Deposition**                      Unknown

**Richard Olsen via Deposition**                      Unknown

**Keith Trares via Deposition**                      Unknown

Plaintiffs **may call** the following witnesses at the trial of this matter:

**James M. Mehalek, M.D.**                      **New West Sports Medicine and  
Medical Provider**                      **Orthopaedic**

**2810 West 35th St., Ste. 1**

**Kearney, NE 68845**

**William T. Sorrell, M.D.**                      **CHI Health Good Samaritan**  
**Medical Provider**                      **10 E. 31<sup>st</sup> St.**

**Kearney, NE 68847**

**Rob Gibson**                      **Address Unknown**

**Mary K. Gibson**                      **Address Unknown**

**Daniel T. Bueser**                      **305 E. 8<sup>th</sup> St.**  
**Dandee Concrete Construction Co., Inc.**                      **Kearney, NE 68848**

**Derrick Beck**                      **Address Unknown**

**2) Goodyear.** All witnesses expected to be called to testify by Goodyear, except those who may be called for impeachment purposes as defined in NECivR 16.2(c) only, are:

- a.** Larry Blair—Omaha, Nebraska
- b.** Daniel Bueser—Kearney, Nebraska
- c.** Jay Lawrence—Uniontown, Ohio
- d.** Ryan Scarlett—Kearney, Nebraska
- e.** Andrew Fedderson (may)—Kearney, Nebraska
- f.** Mike Kerns (may)—Akron, Ohio

- g.** Joseph Grant—Matthews, North Carolina
- h.** Arthur Gray Beauchamp—Greenwood Village, Colorado
- i.** Stephen Fenton—Greenwood Village, Colorado
- j.** Alan Weintraub, M.D.—Englewood, Colorado
- k.** Cathlin Vinett Mitchell, RN, BSN—Brentwood, Tennessee
- l.** Ernest Goss, Ph.D.—Omaha, Nebraska
- m.** Brandon Southern (may)—Kearney, Nebraska
- n.** Jacob Summers (may)—Kearney, Nebraska
- o.** Rysta Susman (may)—Hildreth, Nebraska
- p.** Beale Robinson (may) (via deposition)—Unknown
- q.** Richard Olsen (may) (via deposition)—Unknown
- r.** Joseph Zekoski (may) (via deposition)—Unknown
- s.** Nathan Dorris (may)—Atlanta, Georgia
- t.** Elizabeth Raphael, M.D. (may)—Palo Alto, California

**(E) Expert Witnesses' Qualifications.**

- 1) Plaintiffs. Experts to be called by plaintiff and their qualifications are:**  
 See curricula vitae (attached hereto as exhibits) for David Southwell, Micky Gilbert, Dr. Craig Lichtblau, Dr. Bernard Pettingill, Dr. Paul Schenarts and Dr. Chris Cornett.
- 2) Goodyear. Experts to be called by Goodyear and their qualifications are:** See curricula vitae (attached hereto as exhibits) for Joseph Grant, Arthur Gray Beauchamp, Stephen Fenton, Alan Weintraub, M.D., Cathlin

Vinett Mitchell, RN, BSN, Ernest Goss, Ph.D., Elizabeth Raphael, M.D., and  
Nathan Dorris.

(F) **Voir Dire.** Counsel have reviewed Federal Rule of Civil Procedure 47(a) and NECivR 47.2(a) and suggest the following with regard to the conduct of juror examination:

The parties have agreed and prepared a juror questionnaire and filed a joint motion to the Court for approval. A copy of said questionnaire is attached hereto as Exhibit A. The parties request the Court administer the questionnaire to the panel on Monday, March 16 to allow the parties to review the information overnight and prepare for Voir Dire which begins on March 17.

The parties suggest that the Court examine potential jurors first regarding general background issues. Following the Court's examination, counsel for the parties may conduct additional examinations of prospective jurors for up to one hour apiece, subject to the Court's ability to limit or stop these examinations in its discretion.

Plaintiffs should receive three peremptory challenges total. Goodyear should receive three peremptory challenges.

(G) **Number of Jurors.** Counsel have reviewed Federal Rule of Civil Procedure 48 and NECivR 48.1 and suggest as follows:

1. **Plaintiffs propose** that this matter be tried to a jury composed of 6 members and 2 alternates. 2. **Goodyear proposes** that this matter be tried to a jury composed of 12 members and 2 alternatives.

(H) **Verdict.** **Goodyear will** not stipulate to a less-than-unanimous verdict. **Plaintiffs will** make such a stipulation

(I) **Briefs, Instructions, and Proposed Findings.** Counsel have reviewed NECivR 39.2(a), 51.1(a), and 52.1, and suggest the following schedule for filing trial briefs, proposed jury instructions, and proposed findings of fact, as applicable:

All jury instructions and trial briefs should be submitted seven days prior to the start of the trial as set forth in NECivR 51.1(a).

(J) **Length of Trial.** Counsel estimate the length of trial will consume not less than 8 day(s), not more than 12 day(s), and probably about 10 day(s). **(The court has reminded the parties that the final progression order indicated 10 days of trial.)**

(K) Trial Date. Trial is set to begin on March 17, 2020.

(L) **Other.** The parties shall exchange deposition designations by February 21, 2020, counter-designations and objections to designations by February 28, 2020, and objections to counter-designations by March 2, 2020.

(M) Andrea Groppe, paralegal for Edward Bott, Jr., attorney at Greensfelder, Hemker Law Firm, 10 S. Broadway, Suite 2000, St. Louis, Missouri, shall be allowed to bring a cell phone, laptop and iPad into the courtrooms from March 17, 2020 through April 2, 2020.

Dated: February 18, 2020

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*Attorneys for The Goodyear Tire & Rubber Company*

BY THE COURT:

  
\_\_\_\_\_  
Susan M. Bazis, United States Magistrate Judge

**IN THE UNITED STATES DISTRICT COURT  
FOR THE DISTRICT OF NEBRASKA**

RYSTA LEONA SUSMAN, Both  
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**PLAINTIFFS EXHIBIT LIST**  
**SUBJECT TO OFFER**

Court File Number: 8:18CV127

Goodyear submits the following objections to Plaintiffs' proposed exhibits in the trial of the above captioned matter.

PLF	DF	DESCRIPTION	OFF	OBJ <sup>1</sup>	RC VD	NOT RCVD	DATE
1.		Nebraska State Patrol Select Photos of Accident Scene			X		
2.		Photos of Shane Loveland in Hospital		R. FRCP 26(a), (e); 37(b), (c). FRE 403.			
3.		Video of Shane in the Hospital		R. FRCP 26(a), (e);			

<sup>1</sup> **OBJECTIONS**

R: Relevancy

H: Hearsay

A: Authenticity

O: Other (specify)

F: Foundation

FRE: Federal Rule of Evidence

FRCP: Federal Rule of Civil Procedure

MIL: Goodyear's Motion in Limine

MIL No. 161: Re post-manufacture design changes to Subject Tire

MIL No. 164: Re Dr. Lichtblau opinion on medical treatment Mr. Loveland will likely not need in the future

MIL No. 165: Re other tires, models, or designs

MIL No. 168: Re plant practices at Goodyear's Gadsden, Alabama facility

MIL No. 170: Re redaction of confidentiality legends prior to publishing to jury

MIL No. 171: Re investigation into "tread throws" involving Load Range E tires

MIL No. 172: Re other accidents, claims, or lawsuits

MIL No. 173: Re private recall

MIL No. 174: Re National Highway Traffic Safety Administration's Preliminary Evaluation of Load Range E tires and Goodyear's Voluntary Replacement Program

MIL No. 175: Re Bridgestone/Firestone recall and incidents

MIL No. 176: Re adjustment data

MIL No. 178: Re "Day in the Life Video of Shane Loveland"

MIL No. 179: Re sealing trade secret material or commercially sensitive documents

				37(b), (c). FRE 403.			
4.		Photos of Shane at Home in Hildreth, NE		R. FRCP 26(a), (e); 37(b), (c). FRE 403.			
5.		Photos of Shane in Physical Therapy		R. FRCP 26(a), (e); 37(b), (c). FRE 403.			
6.		Photos of Shane with the Kids Before the Accident		R. FRCP 26(a), (e); 37(b), (c). FRE 403.			
7.		Photos of Shane with his family Before the Accident		R. FRCP 26(a), (e); 37(b), (c). FRE 403.			
8.		Day in the Life Video of Shane Loveland		MIL (ECF No. 178). R. FRE 403. H.			
9.		Shane Loveland's Employment File from Dandee Construction			X		
10.		Medical Records for Shane Loveland from Good Samaritan Hospital			X		
11.		Medical Records from Madonna Rehabilitation			X		
12.		Medical Records for Shane Loveland from Swedish Medical Center			X		
13.		Medical Records for Shane Loveland from Quest Diagnostics			X		
14.		Medical Records for Shane Loveland from Learning Services Corp			X		
15.		Medical Records for Shane Loveland Front Range Spine			X		
16.		Medical Records for Shane Loveland from Laboratory Corp of American		FRCP 26(a), (e); 37(b), (c).			
17.		Medical Records for Shane Loveland from Paranorma Orthopedics			X		
18.		Medical Records for Shane Loveland from Colorado Blood and Cancer Care			X		
19.		Medical Records for Shane Loveland from Action Care Ambulance			X		

20.		Medical Records for Shane Loveland from Donald J. Zimmer, D.D.S.			X		
21.		Medical Records for Shane Loveland from Central Nebraska Rehabilitation		FRCP 26(a), (e); 37(b), (c).			
22.		Medical Records for Shane Loveland from Kearney Clinic			X		
23.		Medical Records for Shane Loveland from Kearney Anesthesia Associates		FRCP 26(a), (e); 37(b), (c).			
24.		Medical Records for Shane Loveland from Midwest Medical Transport		FRCP 26(a), (e); 37(b), (c).			
25.		Medical Records for Shane Loveland from Alegent Creighton Clinic		FRCP 26(a), (e); 37(b), (c). R. F.			
26.		Medical Records for Shane Loveland from Heartland Hematology & Oncology		FRCP 26(a), (e); 37(b), (c). R. F.			
27.		Medical Records for Shane Loveland from Advanced Medical Imaging		FRCP 26(a), (e); 37(b), (c).			
28.		CD-ROMs of Imaging Studies from Good Samaritan Hospital			X		
29.		CD-ROM of Imaging Studies from Advanced Medical Imaging		FRCP 26(a), (e); 37(b), (c).			
30.		CD-ROM of Imaging Studies from Swedish Medical Center			X		
31.		Summary of Injuries (Demonstrative)		Demonstratives to be exchanged wk of 3/9/20			
32.		Diagnostic Exhibits (Demonstrative)		Demonstratives to be exchanged wk of 3/9/20			
33.		Surgical Procedure of Right Ventriculostomy (Demonstrative)		Demonstratives to be exchanged wk of 3/9/20			
34.		Surgical Procedure of Insertion of Thoracostomy Tube (Demonstrative)		Demonstratives to be exchanged wk of 3/9/20			
35.		Surgical Procedure of Right Thoractomy with Repair of Right Hemidiaphragm (Demonstrative)		Demonstratives to be exchanged wk of 3/9/20			
36.		Interactive Exhibit of Shane Loveland (Demonstrative)		Demonstratives to be exchanged wk of 3/9/20			

37.		Itemization of Past Medical Bills		FRCP 26(a), (e); 37(b), (c). R. F. FRE 1006.			
38.		Medical Bills		FRCP 26(a), (e); 37(b), (c).			
39.		Report of Craig H. Lichtblau, M.D.		MIL (ECF No. 164). H. R. F.			
40.		CV, Fee Schedule & Deposition/Testimony Log of Craig H. Lichtblau, M.D.			X		
41.		Craig H. Lichtblau's Continuation of Care for Shane Loveland (Depo Exhibit H)		MIL (ECF No. 164). H. R. F.			
42.		Photos relied upon by Dr. Lichtblau			X		
43.		Craig Lichtblau's File Materials			X		
44.		Report of Bernard Pettingill, Jr., Ph.D. dated 03/13/19		H. R. F.			
45.		Report of Bernard Pettingill, Jr., Ph.D. Pettingill dated 11/19/19		H. R. F.			
46.		CV, Fee Schedule, Deposition/Testimony Log of Bernard Pettingill, Jr., Ph.D.			X		
47.		Basic Assumptions from Bernard Pettingill, Jr., Ph.D. for Shane Loveland		H. R. F.			
48.		Loss of Earnings Capacity from Bernard Pettingill, Jr., Ph.D. for Shane Loveland		H. R. F.			
49.		Quantitative Economic Loss Summary from Bernard Pettingill, Jr., Ph.D. for Shane Loveland		H. R. F.			
50.		Wage Loss Summary from Bernard Pettingill, Jr., Ph.D. for Shane Loveland		H. R. F.			
51.		Future Medical Categories from Bernard Pettingill, Jr., Ph.D. for Shane Loveland		H. R. F.			
52.		Life Table for White Males relied upon by Bernard Pettingill, Jr., Ph.D. for Shane Loveland			X		
53.		Minimum Wage Per Hour Table relied upon by Bernard Pettingill, Jr., Ph.D. for Shane Loveland			X		
54.		Inflation C.P.I. Table relied upon by Bernard Pettingill, Jr., Ph.D. for Shane Loveland			X		

55.		Medical Inflation Table relied upon by Bernard Pettingill, Jr., Ph.D. for Shane Loveland			X		
56.		Year to Year Changes in Medical Care Costs relied upon by Bernard Pettingill, Jr., Ph.D. for Shane Loveland		R. F.			
57.		Bernard Pettingill File Materials		H. R. F.			
58.		Injury Photos of Jacob Summers		FRCP 26(a), (e); 37(b), (c). FRE 403.			
59.		Medical Records for Jacob Summers from Good Samaritan Hospital			X		
60.		Medical Records for Jacob Summers from Central Nebraska Rehabilitation		FRCP 26(a), (e); 37(b), (c).			
61.		Medical Records for Jacob Summers The Nebraska Medical Center			X		
62.		Medical Records for Jacob Summers from Alpha Rehabilitation		FRCP 26(a), (e); 37(b), (c).			
63.		Medical Records for Jacob Summers from New West Sports Medicine			X		
64.		Medical Records for Jacob Summers from Aegis Sciences		FRCP 26(a), (e); 37(b), (c). R. F.			
65.		Medical Records for Jacob Summers from Kearney Clinic, P.C.		FRCP 26(a), (e); 37(b), (c).			
66.		Medical Records for Jacob Summers from American Institute of Toxicology		FRCP 26(a), (e); 37(b), (c).			
67.		Medical Records for Jacob Summers from Family Practice Associates		FRCP 26(a), (e); 37(b), (c).			
68.		Medical Records for Jacob Summers from David M. McConnell, M.D., LLC		FRCP 26(a), (e); 37(b), (c). R. F.			
69.		Medical Records for Jacob Summers from Advanced Radiology of GI		FRCP 26(a), (e); 37(b), (c). R. F.			
70.		Medical Records for Jacob Summers from Heartland Pain Clinics		FRCP 26(a), (e); 37(b), (c).			
71.		Medical Records for Jacob Summers from Heartland Surgery Center		FRCP 26(a), (e); 37(b), (c).			

72.		Medical Records for Jacob Summers from Platte Valley Medical Clinic			X		
73.		Medical Records for Jacob Summers from Brian Medical Center		FRCP 26(a), (e); 37(b), (c). R. F.			
74.		Medical Records for Jacob Summers from Kearney Regional Medical Center			X		
75.		Medical Records for Jacob Summers from Eastern Ambulance Services		FRCP 26(a), (e); 37(b), (c). R. F.			
76.		Medical Records for Jacob Summers from Madonna Rehabilitation Specialists			X		
77.		Medical Records for Jacob Summers from Advanced Medical Imaging		FRCP 26(a), (e); 37(b), (c).			
78.		Medical Records for Jacob Summers from Family Physical Therapy & Sports		FRCP 26(a), (e); 37(b), (c).			
79.		Medical Records for Jacob Summers from Frontier Home Medical		FRCP 26(a), (e); 37(b), (c).			
80.		Medical Records for Jacob Summers from Lincoln Radiology Group		FRCP 26(a), (e); 37(b), (c). R. F.			
81.		Medical Records for Jacob Summers from Central Pathology Services, LLC		FRCP 26(a), (e); 37(b), (c).			
82.		Medical Records for Jacob Summers from Burton Prosthetics		FRCP 26(a), (e); 37(b), (c).			
83.		CD-ROM of Imaging Studies for Jacob Summers from New West Sports Medicine			X		
84.		CD-ROM of Imaging Studies for Jacob Summers from Good Samaritan Hospital			X		
85.		CD-ROM of Imaging Studies for Jacob Summers from Nebraska Medical Center		FRCP 26(a), (e); 37(b), (c).			
86.		CD-ROM of Imaging Studies for Jacob Summers from Advanced Medical Imaging		FRCP 26(a), (e); 37(b), (c).			
87.		CD-ROM of Imaging Studies for Jacob Summers from Family Practice Association		FRCP 26(a), (e); 37(b), (c).			



88.		CD-ROM of Imaging Studies for Jacob Summers from Kearney Regional Medical Center		FRCP 26(a), (e); 37(b), (c).			
89.		CD-ROM of Imaging Studies for Jacob Summers from Kearney Clinic		FRCP 26(a), (e); 37(b), (c).			
90.		Dandee Employment Records for Jacob Summers			X		
91.		Itemization of Past Wage loss		FRCP 26(a), (e); 37(b), (c). F.			
92.		Itemization of Medical Specials		FRCP 26(a), (e); 37(b), (c). F. FRE 1006.			
93.		Medical Bills		FRCP 26(a), (e); 37(b), (c).			
94.		Summary of Injuries (Demonstrative)		Demonstratives to be exchanged wk of 3/9			
95.		Surgical Procedure of Emergency Abdominal Surgery of 05/01/15 (Demonstrative)		Demonstratives to be exchanged wk of 3/9			
96.		Surgical Procedure of 05/04/15 Abdominal Surgery (Demonstrative)		Demonstratives to be exchanged wk of 3/9			
97.		Surgical Procedure of 05/08/17 Posterior Cervical Fusion at C4-7 (Demonstrative)		Demonstratives to be exchanged wk of 3/9			
98.		Surgical Procedure of 12/13/16 C6-7 Anterior Cervical Discectomy and Fusion (Demonstrative)		Demonstratives to be exchanged wk of 3/9			
99.		Interactive Exhibit of Jacob Summers (Demonstrative)		Demonstratives to be exchanged wk of 3/9			
100.		CV of Chris Cornett, M.D.			X		
101.		CV of James Mahelak, M.D.			X		
102.		CV of William Sorrell, M.D.			X		
103.		CV of Paul J. Schenarts, M.D.			X		
104.		Subject Right Rear Tire Goodyear Wrangler HT LT235/85R16			X		
105.		Subject Right Rear Wheel			X		
106.		Companion Left Rear Goodyear Wrangler HT LT235/85R16			X		
107.		Companion Left Rear Wheel			X		
108.		Companion Right Front Tire Goodyear Wrangler HT LT235/85R16			X		
109.		Companion Right Front Wheel			X		

110.		Companion Left Front Tire Goodyear Wrangler HT LT235/85R16			X		
111.		Companion Left Front Wheel			X		
112.		David Southwell's Curriculum Vitae <i>Marked as Exhibit 7 to David Southwell's March 28, 2019 deposition.</i>			X		
113.		David Southwell's March 2019 Expert Report		MILs (ECF Nos. 161, 163, 165, 167, 170, 171, 172, 174, 176, 179). R. H. FRE 403, 407, 702.			
114.		David Southwell's Supplemental Expert Report after Receipt of Global Master Specification		MILs (ECF Nos. 163, 170, 179). R. H. FRE 403.			
115.		David Southwell's Subject Right Rear Tire Photographs			X		
116.		David Southwell's Companion Left Rear Tire Photographs			X		
117.		David Southwell's Companion Left Front Tire Photographs			X		
118.		David Southwell's Companion Right Front Tire Photographs			X		
119.		David Southwell's Subject Right Rear Tire X-rays		R. F. FRE 403.			
120.		David Southwell's Companion Left Rear Tire X-Rays		R. F. FRE 403.			
121.		David Southwell's Companion Left Front Tire X-Rays		R. F. FRE 403.			
122.		David Southwell's Companion Right Front Tire X-Rays		R. F. FRE 403.			
123.		David Southwell's Companion Left Rear Tire Shearography		R. F. FRE 403.			
124.		David Southwell's Companion Left Front Tire Shearography		R. F. FRE 403.			
125.		David Southwell's Companion Right Front Tire Shearography		R. F. FRE 403.			
126.		David Southwell's Reference Materials		R. F. FRE 403.			
127.		Micky Gilbert's Curriculum Vitae			X		
128.		Micky Gilbert's March 12, 2019 Expert Report		H.			

		<i>Marked as Exhibit 4 to Micky Gilbert's deposition taken on April 14, 2019.</i>					
129.		Micky Gilbert's Scene Photographs			X		
130.		Micky Gilbert's Scene Drone Photographs			X		
131.		Micky Gilbert's Vehicle Photographs			X		
132.		Micky Gilbert's Tire and Wheel Photographs			X		
133.		Micky Gilbert's Accident Calculations <i>Marked as Exhibit 6 to Micky Gilbert's deposition taken on April 14, 2019.</i>			X		
134.		Micky Gilbert's Subject Vehicle Ghost Image			X		
135.		Micky Gilbert's Scene Diagram <i>Marked as Exhibit 5 to Micky Gilbert's deposition taken on April 14, 2019.</i>			X		
136.		Micky Gilbert's Scene Models 1-5			X		
137.		Micky Gilbert's Vehicle Models 1-2			X		
138.		Micky Gilbert's Reference Materials (Core Documents) <i>Marked as Exhibit 1 to Micky Gilbert's deposition taken on April 14, 2019.</i>		R. F.			
139.		Bosch Crash Data Retrieval <i>Blair000219-224</i>			X		
140.		Gadsden Tire Specification <i>GY Susman 28939-28965</i>		MIL (ECF No. 170, 179).			
141.		Gadsden Tire Specification <i>GY Susman 28966-28971</i>		MIL (ECF No. 170, 179).			
142.		Gadsden Tire Specification <i>GY Susman 28972-29010</i>		MIL (ECF No. 170, 179).			
143.		Spec Change Authorization Sheet <i>GY Susman 28932-28938</i>		MIL (ECF No. 170, 179).			
144.		Mold Drawing <i>GY Susman 36466-36473</i>		MIL (ECF No. 170, 179).			
145.		GMS – Holographic Examination of RLT <i>GY Susman 36300-36314</i>		MIL (ECF No. 170, 179).			

146.		GMS – Tolerances & Limitations of RLT <i>GY Susman 36315-36334</i>		MIL (ECF No. 170, 179).			
147.		GMS – X-Ray Disposition RLT <i>GY Susman 36335-36363</i>		MIL (ECF No. 170, 179).			
148.		GMS – Cut Tire Programs <i>GY Susman 36364-36367</i>		MIL (ECF No. 170, 179).			
149.		GMS – Cut Tire Program <i>GY Susman 36368-36429</i>		MIL (ECF No. 170, 179).			
150.		GMS – Quality Assurance Programs <i>GY Susman 36430-36465</i>		MIL (ECF No. 170, 179).			
151.		GMS – Tolerances & Limitations RLT <i>GY Susman 36474-36492</i>		MIL (ECF No. 170, 179).			
152.		Goodyear/Kelly Load Range E Warranty <i>GY Susman 6187-6202</i>		MILs (ECF Nos. 165, 170, 171, 172, 174, 176, 179). R. FRE 403.			
153.		Universal Adjustment System Version 3.8 Adjustment data Subject Tire <i>GY Susman 20838-20844</i>		MILs (ECF No. 170, 176, 179). R. FRE 403.			
154.		Goodyear Wrangler HT Tire Information Page <i>Marked as Exhibit 502 to deposition of Jay Lawrence taken on November 15, 2019.</i>		R. F.			
155.		Important Safety Program dated 02/12/02 <i>GY Susman 01385-01401</i> <i>Marked as Exhibit 503 to deposition of Jay Lawrence taken on November 15, 2019.</i>		MILs (ECF No. 161, 170, 171, 174, 179). R. FRE 403, 407.			
156.		Product Performance Review dated 09/17/97 <i>GY Susman 31805-31824</i> <i>Marked as Exhibit 504 to deposition of Jay Lawrence taken on November 15, 2019.</i> <i>Also, marked as Exhibit 29 to Joseph Zekoski's Deposition taken in Corwin.</i>		MILs (ECF Nos. 161, 165, 170, 172, 174, 176, 179). R. FRE 403.			
157.		North American Tire Crown Integrity Update dated 04/01/99 <i>GY Susman 24263-24279</i>		MILs (ECF Nos. 161, 165, 170, 171, 172,			

		<i>Marked as Exhibit 505 to deposition of Jay Lawrence taken on November 15, 2019.</i>		174, 176, 179). R. FRE 403, 407.			
158.		Crown Area Improvements in LR E MPV Tires (An Overview of Kelly/Goodyear Work) dated 11/05/96 <i>GY Susman 26475-26482</i> <i>Marked as Exhibit 506 to deposition of Jay Lawrence taken on November 15, 2019.</i> <i>Also, marked as Exhibit 3 to Beale Robinson's Deposition taken in Frankl.</i> <i>Also, marked as Exhibit 27 to Richard Olsen's Deposition taken in Arredondo bates GY Susman 28228-28268.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
159.		ODI Resume dated 11/21/00 <i>GY Susman 01366-01368</i> <i>Marked as Exhibit 507 to deposition of Jay Lawrence taken on November 15, 2019.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 173, 174, 176, 179). R. FRE 403, 407.			
160.		Correspondence to Dennis O'Connor dated 12/01/00 <i>GY Susman 26385-26391</i> <i>Marked as Exhibit 508 to deposition of Jay Lawrence taken on November 15, 2019.</i> <i>Also marked as Exhibit 17 to Chester Patterson's Deposition taken in Ebanks bates GY Susman 26385-26391.</i> <i>Also marked as Exhibit 25 to Ernest Kessell's Deposition taken in Garcia bates GY Susman 26208-26215.</i>		MILs (ECF Nos. 165, 170, 172, 174, 179). R. FRE 403, 407.			
161.		Trailer Tire Changeover Program dated 07/07/00 <i>GY Susman 30629-30631</i> <i>Marked as Exhibit 509 to deposition of Jay Lawrence taken on November 15, 2019.</i> <i>Also, marked as Exhibit 1 to Dennis O'Connor's Deposition taken in Boerm.</i>		MILs (ECF Nos. 161, 165, 170, 172, 174, 179). R. FRE 403, 407.			

162.		Tread/Top Belt ‘Throws’ dated 01/25/96 <i>GY Susman 21533-21562</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
163.		Tread/Top Belt Throw dated 03/01/96 <i>GY Susman 22669-22682</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
164.		RLT Damage Claims <i>GY Susman 22229</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
165.		RLT Crown Integrity dated 05/13/96 <i>GY Susman 22763-22776</i> <b><i>Also, identified as 989 and 992 in Joseph Zekoski’s Deposition taken in Ebanks.</i></b>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
166.		Adjustments <i>GY Susman 27690-27691</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
167.		Damage Claim Summary Cumulative <i>GY Susman 27895</i> <b><i>Also, identified as 952 in Joseph Zekoski’s Deposition taken in Ebanks.</i></b>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. FRE 403, 407.			
168.		Chart of LRE claims from 1992- 1998 <i>GY Susman 36695-36864</i>		MILs (ECF Nos. 161, 165, 170, 172, 179). R. FRE 403, 407.			
169.		Chart of LRE Claims <i>GY Susman 36865-37021</i>		MILs (ECF Nos. 161, 165, 170, 172, 179).			

				R. FRE 403, 407.			
170.		NHTSA Reported Damage Claims <i>GY Susman 4250-4252</i>		MILs (ECF Nos. 161, 165, 170, 172, 174, 179). R. FRE 403, 407.			
171.		Status of 'Tread Throw' Analysis <i>GY Susman 20946-20952</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
172.		RLT LR E Crown Integrity <i>GY Susman 22041-22151</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
173.		RLT Crown Durability Testing dated 06/03/96 <i>GY Susman 22259-22273</i> <i>Also, marked as Exhibit 9 to Joseph Zekoski's Deposition taken in Arredondo bates GY Susman 28169-28170.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
174.		'Tread Throw' Team Kickoff Meeting dated 02/16/96 <i>GY Susman 22637-22653</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
175.		RLT Crown Separation by Tire Line <i>GY Susman 31348-31350</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
176.		Crown Area Improvements in LR E MPV Tires <i>GY Susman 31369-31376</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			

177.		NHTSA Load Range E Issues <i>GY Susman 6216-6288</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
178.		Overlay Implementation Meeting <i>GY Susman 23115-23116</i>		MILs (ECF Nos. 161, 170, 171, 174, 179). R. FRE 403, 407.			
179.		RLT Crown Integrity Test <i>GY Susman 23156-23158</i>		MILs (ECF Nos. 161, 170, 171, 174, 179). R. H. FRE 403, 407.			
180.		Isuzu NPR Truck <i>GY Susman 24624-24634</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. FRE 403, 407.			
181.		FEA of Crown vs Flat Built Nylon Spiral Overlay Tires <i>GY Susman 24918-24927</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. FRE 403, 407.			
182.		Email dated 11/11/98 <i>GY Susman 25494</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
183.		LR E Tread Separation Review Meeting 8/23/00 <i>GY Susman 25685-25686</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. H. FRE 403, 407.			
184.		LR E Tread Separation Update <i>GY Susman 25687-25692</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
185.		Overlay FEA Analysis		MILs (ECF Nos. 161,			



		<i>GY Susman 27889</i>		170, 171, 174, 179). R. FRE 403, 407.			
186.		RLT A-Team Meeting (#2. 2/20/96) dated 02/26/96 <i>GY Susman 20873-20876</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
187.		RLT A-Team Meeting #3 (2/28/96) dated 02/29/96 <i>GY Susman 20877-20882</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
188.		RLT A-Team Meeting #4 (3/6/96) dated 03/07/96 <i>GY Susman 20883-20888</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
189.		RLT A-Team Meeting #5 (3/12/96) dated 03/14/96 <i>GY Susman 20889-20899</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
190.		RLT A-Team Meeting #6 (3/22/96) dated 03/25/96 <i>GY Susman 22699-22705</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
191.		RLT A-Team Meeting # 7 (3/27/96) dated 03/28/96 <i>GY Susman 20907-20915</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
192.		RLT A-Team Meeting #9 (4/10/96) dated 04/10/96 <i>GY Susman 20923-20929</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
193.		RLT A-Team Meeting #10 (4/17/96) dated 04/10/96 <i>GY Susman 21018-21023</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179).			

				R. H. FRE 403, 407.			
194.		RLT A-Team Meeting #11 (4/24/96) dated 04/25/96 <i>GY Susman 21024-21032</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
195.		RLT A-Team Meeting # 13 (5/08/96) dated 05/09/96 <i>GY Susman 22755-22762</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
196.		RLT A-Team Meeting # 14 (5/15/96) dated 05/15/96 <i>GY Susman 21051-21059</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
197.		RLT Crown Integrity Team Meeting #16 (5/29/96) dated 05/29/96 <i>GY Susman 21069-21084</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
198.		RLT Crown Integrity Team Meeting #17 (6/05/96) dated 06/05/96) <i>GY Susman 22809-22817</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
199.		Crown Integrity Team Meeting #18 (6/12/96) dated 06/12/96 <i>GY Susman 21094-21096</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
200.		RLT Crown Integrity Team Meeting #19 (6/26/96) dated 06/27/96 <i>GY Susman 21097-21106</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
201.		RLT Crown Integrity Team Meeting #21 (7/17/96) dated 07/18/96 <i>GY Susman 21117-21129</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			

202.		RLT Crown Integrity Team Meeting #22 (7/24/96) dated 07/24/96) <i>GY Susman 22870-22880</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
203.		RLT Crown Integrity Team Meeting #23 (8/07/96) dated 08/08/96 <i>GY Susman 21141-21152</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
204.		96242RDS 0484-RLT Crown Integrity Team dated 10/08/96 <i>GY Susman 22949</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. H. FRE 403, 407.			
205.		RLT Adjustment Data Need dated 07/02/96 <i>GY Susman 22950-22951</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. H. FRE 403, 407.			
206.		ODI Resume <i>GY Susman 00001</i> <i>Marked as Exhibit 15 to Chester Patterson's Deposition at GY Susman 26381.</i>		MILs (ECF Nos. 165, 170, 171, 172, 174, 179). R. FRE 403, 407.			
207.		Cover Letter responses to NHTSA's inquiries regarding NSA-12jfa PE00-046 <i>GY Susman 03702-03744</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. FRE 403, 407.			
208.		09.05.2001 letter to NHTSA <i>GY Susman 01126-01128</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. FRE 403, 407.			
209.		LA Times 'Goodyear Replaced Tires in 'Silent Recall,' Critics Allege		FRCP 26(a), (e); 37(b), (c). MILs (ECF Nos. 161, 165, 170, 171, 172,			

				173, 174, 175, 179). R. H. F. FRE 403, 407.			
210.		Letter to Kenneth Weinstein dated 01/28/02 <i>GY Susman 32013-32039</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
211.		Summary of Crown Claims – 1996 Gadsden Production LT245/75R16 LR E Wrangler AT 11BT0 (740 353 439) <i>GY Susman 26432-26433</i> <i>Marked as Exhibit 1 to Beale Robinson’s Deposition taken in Frankl.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
212.		Crown Area Improvements in LR E MPV Tires (An Overview of Kelly/Goodyear Work) <i>GY Susman 26434-26474</i> <i>Marked as Exhibit 2 to Beale Robinson’s Deposition taken in Frankl.</i> <i>Also, marked as Exhibit 14 to Joseph Zekoski’s Deposition taken in Corwin bates GY Susman 31600-31640.</i> <i>Additional bates at GY Susman 31307-31347</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
213.		RLT LR-E Crown Integrity Improvement ‘ACT’ Team <i>GY Susman 26483-26489</i> <i>Marked as Exhibit 4 to Beale Robinson’s Deposition taken in Frankl.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
214.		Problem Summary <i>GY Susman 26490-26512</i> <i>Marked as Exhibit 5 to Beale Robinson’s Deposition taken in Frankl.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
215.		Fayetteville/Gadsden Cure System Study June 9-13, 1997 <i>GY Susman 26513-26524</i>		MILs (ECF Nos. 161, 165, 168, 170, 171,			

		<i>Marked as Exhibit 6 to Beale Robinson's Deposition taken in Frankl.</i>		172, 174, 176, 179). R. FRE 403, 407.			
216.		Product Performance <i>GY Susman 26525-26544</i> <i>Marked as Exhibit 7 to Beale Robinson's Deposition taken in Frankl.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
217.		RLT LR-E Crown Integrity Improvement Background/Overview <i>GY Susman 26545-26585</i> <i>Marked as Exhibit 8 to Beale Robinson's Deposition taken in Frankl.</i> <i>Also, marked as Exhibit 31 to Joseph Zekoski's Deposition taken in Corwin bates GY Susman 31833-31873.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
218.		Crown Integrity Review December 4, 1997 <i>GY Susman 26586-26610</i> <i>Marked as Exhibit 9 to Beale Robinson's Deposition taken in Frankl.</i> <i>Also, marked as Exhibit 5 to Joseph Zekoski's Deposition taken in Arredondo bates GY Susman 28153-28165.</i> <i>Also, marked as Exhibit 18 to Joseph Zekoski's Deposition taken in Arredondo bates GY Susman 28184-28191.</i> <i>See also GY Susman 31519-31543.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
219.		RLT Crown Integrity Overview <i>GY Susman 26611-26630</i> <i>Marked as Exhibit 10 to Beale Robinson's Deposition taken in Frankl.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
220.		RLT LR-E Crown Integrity <i>GY Susman 26631-26654</i> <i>Marked as Exhibit 11 to Beale Robinson's Deposition taken in Frankl.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179).			

		<i>Also, marked as Exhibit 13 to Daniel Hammontree, Beale Robinson and Dane Taylor's Depositions taken in Garcia bates GY Susman 25892-25915. Also, identified as 1408 and 1409 in Joseph Zekoski's Deposition taken in Ebanks.</i>		R. FRE 403, 407.			
221.		North America Tire Crown Integrity Update April 1999 GY Susman 26655-26672 <i>Marked as Exhibit 12 to Beale Robinson's Deposition taken in Frankl.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
222.		RLT Crown Integrity Team Meeting #15 GY Susman 26673-26681 <i>Marked as Exhibit 13 to Beale Robinson's Deposition taken in Frankl.</i> See also GY Susman 21060-21068		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
223.		Opportunities for Cured Tire Scrap Reduction GY Susman 26682-26686 <i>Marked as Exhibit 14 to Beale Robinson's Deposition taken in Frankl.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 172, 174, 176, 179). R. H. FRE 403, 407.			
224.		RLT Tread Throw Team #2 Kickoff Meeting GY Susman 26687-26690 <i>Marked as Exhibit 15 to Beale Robinson's Deposition taken in Frankl.</i> <i>Also, marked as Exhibit 22 to Joseph Zekoski's Deposition taken in Corwin bates GY Susman 31727-31730.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. H. FRE 403, 407.			
225.		RLT Tread Throw Team #2 Kickoff Meeting dated 02/19/96 GY Susman 20869-20872 <b><i>Also, identified as 474 in Joseph Zekoski's Deposition taken in Ebanks.</i></b>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. H. FRE 403, 407.			
226.		RLT A-Team Meeting #8 GY Susman 26691-26697		MILs (ECF Nos. 161, 165, 170, 171, 172,			

		<i>Marked as Exhibit 16 to Beale Robinson's Deposition taken in Frankl.</i> See also <i>GY Susman 20916-20922.</i>		174, 176, 179). R. H. FRE 403, 407.			
227.		RLT A-Team Meeting #12 (5/01/96) dated 05/02/96) <i>GY Susman 26698-26707</i> <i>Marked as Exhibit 17 to Beale Robinson's Deposition taken in Frankl.</i> See also <i>GY Susman 21033-21042.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. H. FRE 403, 407.			
228.		Crown Integrity Team Meeting #19 <i>GY Susman 26708-26710</i> <i>Marked as Exhibit 18 to Beale Robinson's Deposition taken in Frankl.</i> See also <i>GY Susman 21074-21096</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. H. FRE 403, 407.			
229.		RLT Crown Integrity Team Meeting #20 <i>GY Susman 26711-26720</i> <i>Marked as Exhibit 19 to Beale Robinson's Deposition taken in Frankl.</i> See also <i>GY Susman 21107-21116</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. H. FRE 403, 407.			
230.		RLT Crown Separation by Tire Line <i>GY Susman 26721-26723</i> <i>Marked as Exhibit 20 to Beale Robinson's Deposition taken in Frankl.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
231.		RLT Crown Integrity Meeting Team Meeting #24 <i>GY Susman 26724-26725</i> <i>Marked as Exhibit 21 to Beale Robinson's Deposition taken in Frankl.</i> See also <i>GY Susman 21153-21154</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. H. FRE 403, 407.			
232.		Tire Cut Section Diagram <i>GY Susman 26726</i> <i>Marked as Exhibit 22 to Beale Robinson's Deposition taken in Frankl.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R.			
233.		RLT Crown Integrity Meeting Team Meeting #25 <i>GY Susman 26727-26729</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179).			

		<i>Marked as Exhibit 23 to Beale Robinson's Deposition taken in Frankl.</i> <i>See also GY Susman 21155-21157.</i>		R. FRE 403, 407.			
234.		RLT Crown Integrity Meeting Team Meeting #26 <i>GY Susman 26730-26732</i> <i>Marked as Exhibit 24 to Beale Robinson's Deposition taken in Frankl.</i> <i>Also, marked as Exhibit 17 to Daniel Hammontree, Beale Robinson and Dane Taylor's Depositions taken in Garcia bates GY Susman 25923-25928; GY Susman 26851-26856.</i> <i>Also, marked as Exhibit 3 to Joseph Zekoski's Deposition taken in Arredondo bates GY Susman 28153-28154.</i> <i>See also GY Susman 21158-21183</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. H. FRE 403, 407.			
235.		Radial Light Truck – Gadsden <i>GY Susman 26733</i> <i>Marked as Exhibit 25 to Beale Robinson's Deposition taken in Frankl.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 179). R. H. FRE 403, 407.			
236.		RLT LR-E Crown Integrity <i>GY Susman 26734</i> <i>Marked as Exhibit 26 to Beale Robinson's Deposition taken in Frankl.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 179). R. H. FRE 403, 407.			
237.		Cure Conditions at Gadsden <i>GY Susman 26735</i> <i>Marked as Exhibit 27 to Beale Robinson's Deposition taken in Frankl.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 179). R. H. FRE 403, 407.			
238.		Gray Gadsden – Solid Fayetteville <i>GY Susman 26736-26738</i> <i>Marked as Exhibit 28 to Beale Robinson's Deposition taken in Frankl.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 179). R. FRE 403, 407.			
239.		Lubrication of Press Center Mechanism Lower Bladder Clamp Ring Hub Threads <i>GY Susman 26739-26741</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 179).			



		<i>Marked as Exhibit 29 to Beale Robinson's Deposition taken in Frankl.</i> <i>Also, marked as Exhibit 19 to Joseph Zekoski's Deposition taken in Arredondo bates GY Susman 28192-28195.</i>		R. H. FRE 403, 407.			
240.		RLT LR-E Power Point Presentation <i>GY Susman 26742</i> <i>Marked as Exhibit 30 to Beale Robinson's Deposition taken in Frankl.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 179). R. H. FRE 403, 407.			
241.		RLT A Team Meeting #11 <i>GY Susman 26743-26763</i> <i>Marked as Exhibit 31 to Beale Robinson's Deposition taken in Frankl.</i> <b>GY Susman 22736-22744</b>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. H. FRE 403, 407.			
242.		United States Patent 5,000,239 <i>GY Susman 26764-26776</i> <i>Marked as Exhibit 32 to Beale Robinson's Deposition taken in Frankl.</i> <i>Also, marked as Exhibit 49 to Beale Robinson's Depositions taken in Garcia bates GY Susman 26886-26898.</i>		MILs (ECF Nos. 170, 179). R.			
243.		RLT LR E Crown Integrity Improvement Team Trip; Fayetteville/Gadsden w/o 4/27/97 <i>GY Susman 26777-26780</i> <i>Marked as Exhibit 33 to Beale Robinson's Deposition taken in Frankl.</i> <i>See also GY Susman 21438-21440</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. H. FRE 403, 407.			
244.		Wrangler Tread/Top Belt Throws <b>GY Susman 23634-23638</b> <i>Marked as Exhibit 1 to Madelon Kominic's Deposition taken in Frankl bates GY Susman 26279-26280.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. H. FRE 403, 407.			
245.		RLT 235/85R16 Load Range E Tread Throw Investigations <i>GY Susman 26281-26314</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 179). R. H. FRE 403, 407.			

		<p><i>Marked as Exhibit 2 to Madelon Kominic's Deposition taken in Frankl.</i></p> <p><i>Also, marked as Exhibit 15 to Daniel Hammontree, Beale Robinson and Dane Taylor's Depositions taken in Garcia bates GY Susman 25916-25917; GY Susman 26844-26845</i></p>					
246.		<p>RLT 235/85R16 Load Range E Tread Throw Problem</p> <p><i>GY Susman 26315-26316</i></p> <p><i>Marked as Exhibit 3 to Madelon Kominic's Deposition taken in Frankl.</i></p>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 179). R. H. FRE 403, 407.			
247.		<p>RLT 235/85R16 Load Range E Tread Throw Problem Investigations</p> <p><i>GY Susman 26317-26318</i></p> <p><i>Marked as Exhibit 4 to Madelon Kominic's Deposition taken in Frankl.</i></p>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 179). R. H. FRE 403, 407.			
248.		<p>Wrangler LT Tire Defects</p> <p><i>GY Susman 26319-26320</i></p> <p><i>Marked as Exhibit 5 to Madelon Kominic's Deposition taken in Frankl.</i></p> <p><i>Also, marked as Exhibit 23 to Joseph Zekoski's Deposition taken in Corwin bates GY Susman 31731-31732.</i></p>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 179). R. H. FRE 403, 407.			
249.		<p>Holograph "A" Rates Tires</p> <p><i>GY Susman 26321</i></p> <p><i>Marked as Exhibit 6 to Madelon Kominic's Deposition taken in Frankl.</i></p>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. H. FRE 403, 407.			
250.		<p>RLT LR-E Plant Exchange and Mold Extraction Trials</p> <p><i>GY Susman 26322-26326</i></p> <p><i>Marked as Exhibit 7 to Madelon Kominic's Deposition taken in Frankl.</i></p>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 179). R. H. FRE 403, 407.			
251.		<p>Wrangler AT Performance</p> <p><i>GY Susman 26327</i></p> <p><i>Marked as Exhibit 1 to James Nespo's Deposition taken in Frankl.</i></p>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 179). R. H. FRE 403, 407.			

252.		Letter to Major John Farner <i>GY Susman 26328</i> <i>Marked as Exhibit 2 to James Nespo's Deposition taken in Frankl.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 179). R. H. FRE 403, 407.			
253.		Wrangler AT Performance <i>GY Susman 26329</i> <i>Marked as Exhibit 3 to James Nespo's Deposition taken in Frankl.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
254.		Tire Information Request <i>GY Susman 26330-26331</i> <i>Marked as Exhibit 4 to James Nespo's Deposition taken in Frankl.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 179). R. H. FRE 403, 407.			
255.		Handwritten Note <i>GY Susman 26332</i> <i>Marked as Exhibit 5 to James Nespo's Deposition taken in Frankl.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 179). R. H. F. FRE 403, 407.			
256.		Dismounted Returned Tire Inspection – Wrangler AT Tires <i>GY Susman 26333-26334</i> <i>Marked as Exhibit 6 to James Nespo's Deposition taken in Frankl.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
257.		Analysis of RLT Load Range E Tires <i>GY Susman 26971-26997</i> <i>Marked as Exhibit 1 to Edward Terrill's Deposition taken in Frankl.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 179). R. H. FRE 403, 407.			
258.		Tire Aging (Analysis of RLT Load Range E Tires) <i>GY Susman 26998-27014</i> <i>Marked as Exhibit 2 to Edward Terrill's Deposition taken in Frankl.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 179). R. H. FRE 403, 407.			
259.		Lee Landrover LT235/85R16 E all cond <i>GY Susman 25964-25965</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 172, 174, 179).			

		<i>Marked as Exhibit 5 to Daniel Hammontree's Deposition taken in Ebanks.</i>		R. FRE 403, 407.			
260.		The Goodyear Tire & Rubber Company Land Rover LT235/85R16, LR E Claims <i>GY Susman 25966</i> <i>Marked as Exhibit 6 to Daniel Hammontree's Deposition taken in Ebanks.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 172, 174, 179). R. FRE 403, 407.			
261.		Cut Back of a Tire <i>GY Susman 28013</i> <i>Marked as Exhibit 1 to Joseph Zekoski's Deposition taken in Ebanks.</i>		MILs (ECF Nos. 161, 165, 168, 170, 174, 179). R. F.			
262.		Tire Diagram <i>GY Susman 28014</i> <i>Marked as Exhibit 2 to Joseph Zekoski's Deposition taken in Ebanks.</i> <i>Also marked as Exhibit 2 to Richard Olsen's Deposition taken in Ebanks bates GY Susman 30701.</i>		MILs (ECF Nos. 161, 165, 168, 170, 174, 179). R. F.			
263.		Tread/Top Belt Throw dated 04/01/96 <i>GY Susman 21346-21398</i> <i>Referenced as Ebanks 954, 956, 965 and 966 in Joseph Zekoski's Deposition taken in Ebanks.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
264.		Development of Tread Durability Test <i>GY Susman 26372-26374</i> <i>Marked as Exhibit 10 to Chester Patterson's Deposition taken in Ebanks.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
265.		ISUZU NPR, LT215/85R16 Tread Integrity Meeting <i>GY Susman 26375</i> <i>Marked as Exhibit 11 to Chester Patterson's Deposition taken in Ebanks.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 179). R. H. FRE 403, 407.			
266.		Isuzu NPR Durability Testing Results <i>GY Susman 26376</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 179). R. FRE 403, 407.			

		<i>Marked as Exhibit 12 to Chester Patterson's Deposition taken in Ebanks.</i>					
267.		Bent Axle Test for Crown Area Durability <i>GY Susman 26377</i> <i>Marked as Exhibit 13 to Chester Patterson's Deposition taken in Ebanks.</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. FRE 403, 407.			
268.		ISUZU NPR, LT 215/85R16 Durability Improvement <i>GY Susman 26378-26380</i> <i>Marked as Exhibit 14 to Chester Patterson's Deposition taken in Ebanks.</i> <i>Also, marked as Exhibit 4 to Joseph Zekoski's Deposition taken in Arredondo bates GY Susman 28155-28157.</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. FRE 403, 407.			
269.		Letter to ODI dated 08/16/01 <i>GY Susman 26382-26384</i> <i>Marked as Exhibit 16 to Chester Patterson's Deposition taken in Ebanks.</i> <i>Also marked as Exhibit 25 to Beale Robinson's Deposition taken in Ebanks bates GY Susman 26964-26966.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
270.		Letter to Kenneth Weinstein dated 01/28/02 <i>GY Susman 26395-26397</i> <i>Marked as Exhibit 19 to Chester Patterson's Deposition taken in Ebanks.</i> <i>Also, marked as Exhibit 24 to Beale Robinson's Deposition taken in Ebanks bates GY Susman 26961-26963.</i> <i>Also, marked as Exhibit 2 to Dennis O'Connor's Deposition taken in Boerm bates GY Susman 30632-30658.</i> <i>Additional bates at GY Susman 01375-01401.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
271.		Meeting on LT-Metric 'Tread-Throw' Field Problems (9/19-21/95) <i>GY Susman 26899-26902</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 172, 174, 179).			

		<p><i>Marked as Exhibit 1 to Beale Robinson's Deposition taken in Ebanks.</i></p> <p><i>Also, marked as Exhibit 30 to Richard Olsen's Deposition taken in Arredondo bates GY Susman 28293-28296.</i></p> <p><i>Also, marked as Exhibit 12 to Joseph Zekoski's Deposition taken in Corwin bates GY Susman 31550-31553.</i></p> <p><b><i>Also, identified as 535 in Joseph Zekoski's Deposition taken in Ebanks.</i></b></p>		R. H. FRE 403, 407.			
272.		<p>LT-Metric Damage Claim Tire by Date of Production Load Range D &amp; E GY Susman 26903</p> <p><i>Marked as Exhibit 2 to Beale Robinson's Deposition taken in Ebanks.</i></p> <p><i>Also, marked as Exhibit 34 to Richard Olsen's Deposition taken in Arredondo bates GY Susman 28306.</i></p> <p><b><i>Also, identified as 573 in Joseph Zekoski's Deposition taken in Ebanks.</i></b></p>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. FRE 403, 407.			
273.		<p>Overview Conclusions GY Susman 26904</p> <p><i>Marked as Exhibit 3 to Beale Robinson's Deposition taken in Ebanks.</i></p>		MILs (ECF Nos. 161, 165, 168, 170, 171, 172, 174, 179). R. FRE 403, 407.			
274.		<p>Root Cause Investigation #1 Tire Conditions Have Changed GY Susman 26905</p> <p><i>Marked as Exhibit 4 to Beale Robinson's Deposition taken in Ebanks.</i></p>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 179). R. FRE 403, 407.			
275.		<p>Building Specification GY Susman 26906-26924</p> <p><i>Marked as Exhibit 5 to Beale Robinson's Deposition taken in Ebanks.</i></p>		MILs (ECF Nos. 161, 165, 168, 170, 179). R. FRE 403, 407.			
276.		<p>Damage Claim Summary GY Susman 26925</p>		MILs (ECF Nos. 161, 165, 168, 170, 171,			

		<i>Marked as Exhibit 6 to Beale Robinson's Deposition taken in Ebanks. Also, identified as 456 in Joseph Zekoski's Deposition taken in Ebanks.</i>		172, 174, 179). R. FRE 403, 407.			
277.		RLT Tread Throw Team #2 Kickoff Meeting GY Susman 26926 <i>Marked as Exhibit 7 to Beale Robinson's Deposition taken in Ebanks.</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. H. FRE 403, 407.			
278.		Probable Root-Cause Weak Boundary Layer Between RLT Belts 1&2 GY Susman 26927 <i>Marked as Exhibit 8 to Beale Robinson's Deposition taken in Ebanks.</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. FRE 403, 407.			
279.		Damage Claims Tread Sep Damage Claims Trend for 1995 GY Susman 26928 <i>Marked as Exhibit 9 to Beale Robinson's Deposition taken in Ebanks.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. FRE 403, 407.			
280.		RLT Crown Integrity GY Susman 26929 <i>Marked as Exhibit 10 to Beale Robinson's Deposition taken in Ebanks.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. FRE 403, 407.			
281.		Settled Damage Claims by Year of Manufacture GY Susman 26932 <i>Marked as Exhibit 11 to Beale Robinson's Deposition taken in Ebanks. Also, identified as 1182 in Joseph Zekoski's Deposition taken in Ebanks.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. FRE 403, 407.			
282.		Combined Goodyear/Kelly PL Claims Projection GY Susman 26933 <i>Marked as Exhibit 12 to Beale Robinson's Deposition taken in Ebanks.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. FRE 403, 407.			
283.		Problem Summary GY Susman 26934		MILs (ECF Nos. 161, 165, 170, 171, 172,			

		<i>Marked as Exhibit 13 to Beale Robinson's Deposition taken in Ebanks. Also, identified as 1203 in Joseph Zekoski's Deposition taken in Ebanks.</i>		174, 176, 179). R. FRE 403, 407.			
284.		Problem Summary GY Susman 26935 <i>Marked as Exhibit 14 to Beale Robinson's Deposition taken in Ebanks.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
285.		Conclusions GY Susman 26936 <i>Marked as Exhibit 15 to Beale Robinson's Deposition taken in Ebanks.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. F. FRE 403, 407.			
286.		Damage Claims Goodyear/Kelly Light Truck Tires GY Susman 26937 <i>Marked as Exhibit 16 to Beale Robinson's Deposition taken in Ebanks.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. F. FRE 403, 407.			
287.		Combined Kelly/Goodyear Settled Damage Claims by Tire Size GY Susman 26938 <i>Marked as Exhibit 17 to Beale Robinson's Deposition taken in Ebanks.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. F. FRE 403, 407.			
288.		Combined Goodyear/Kelly PL Claims Summary by Age of Tire GY Susman 26939 <i>Marked as Exhibit 18 to Beale Robinson's Deposition taken in Ebanks.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. F. FRE 403, 407.			
289.		RLT LR-Overlay Implementation Planning GY Susman 26940-26941 <i>Marked as Exhibit 19 to Beale Robinson's Deposition taken in Ebanks.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
290.		1996 Action Plan Effectiveness GY Susman 26942		MILs (ECF Nos. 161, 170, 171,			



		<i>Marked as Exhibit 20 to Beale Robinson's Deposition taken in Ebanks.</i>		172, 174, 179). R. FRE 403, 407.			
291.		ISUZU NPR, LT 215/85R16 Durability Improvement <i>GY Susman 26943-26946</i> <i>Marked as Exhibit 21 to Beale Robinson's Deposition taken in Ebanks.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. H. FRE 403, 407.			
292.		ISUZU/Pre-Policy Report <i>GY Susman 26947</i> <i>Marked as Exhibit 22 to Beale Robinson's Deposition taken in Ebanks.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. H. FRE 403, 407.			
293.		United States Patent 4,815,511 <i>GY Susman 26948-26960</i> <i>Marked as Exhibit 23 to Beale Robinson's Deposition taken in Ebanks.</i>		MILs (ECF Nos. 161, 170, 171, 179). R.			
294.		Load Range E Truck Tires Alleged Tread/Belt Separations Accidents Involving Deaths or Injuries <i>GY Susman 26216-26218</i> <i>Marked as Exhibit 26 to Ernest Kessell's Deposition taken in Garcia.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. FRE 403.			
295.		Goodyear AT and ATS Warranty/Goodwill Adjustment Rates <i>GY Susman 26219-26222</i> <i>Marked as Exhibit 27 to Ernest Kessell's Deposition taken in Garcia.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403.			
296.		Customer Contacts Wrangler AT and ATS LRE <i>GY Susman 26223</i> <i>Marked as Exhibit 28 to Ernest Kessell's Deposition taken in Garcia.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. H. FRE 403.			
297.		Master Product File Display <i>GY Susman 26270</i> <i>Marked as Exhibit 37 to Ernest Kessell's Deposition taken in Garcia.</i>		MILs (ECF Nos. 161, 170, 171, 174, 179). R.			
298.		Conclusions		MILs (ECF Nos. 161,			

		<i>GY Susman 25918-25922 Marked as Exhibit 16 to Daniel Hammontree, Beale Robinson and Dane Taylor's Depositions taken in Garcia additional bates GY Susman 26846-26850.</i>		165, 168, 170, 171, 172, 174, 176, 179). R. F. FRE 403, 407.			
299.		<i>Combined Goodyear/Kelly PL Claims Summary GY Susman 25929-25933 Marked as Exhibit 19 to Daniel Hammontree's Deposition taken in Garcia.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. F. FRE 403, 407.			
300.		<i>1996 Tire Guide Load &amp; Inflation Tables GY Susman 25934-25935 Marked as Exhibit 13 to Daniel Hammontree, Beale Robinson and Dane Taylor's Depositions taken in Garcia bates GY Susman 26866-26867.</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 176, 179). R. FRE 403.			
301.		<i>RLT Size Breakout GY Susman 25936-25938 Marked as Exhibit 27 to Daniel Hammontree's Deposition taken in Garcia.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. F. FRE 403, 407.			
302.		<i>Settled Damage Claims by Year of Manufacture GY Susman 25939-25942 Marked as Exhibit 28 to Daniel Hammontree's Deposition taken in Garcia.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
303.		<i>Settled Damage Claims by Date of Claim GY Susman 25943 Marked as Exhibit 31 to Daniel Hammontree's Depositions taken in Garcia.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
304.		<i>Kelly Exposure GY Susman 25944-25949 Marked as Exhibit 33 to Daniel Hammontree's Deposition taken in Garcia.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			

305.		RLT Crown Integrity Improvement <i>GY Susman 25950-25954</i> <i>Marked as Exhibit 41 to Daniel Hammontree's Deposition taken in Garcia.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
306.		Conclusions/Recommendations <i>GY Susman 25955-25960</i> <i>Marked as Exhibit 46 to Daniel Hammontree's Deposition taken in Garcia.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
307.		Radial Light Truck – Gadsden <i>GY Susman 25961-25963</i> <i>Marked as Exhibit 48 to Daniel Hammontree's Deposition taken in Garcia.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 172, 174, 176, 179). R. H. FRE 403, 407.			
308.		Problem Summary <i>GY Susman 26838-26843</i> <i>Marked as Exhibit 14 to Beale Robinson's Deposition taken in Garcia.</i> <i>Also, marked as Exhibit 33 to Richard Olsen's Deposition taken in Arredondo bates GY Susman 28305.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
309.		Probable Root-Cause: Weak Boundary Layer Between RLT Belts 1&2 <i>GY Susman 26857-26865</i> <i>Marked as Exhibit 21 to Beale Robinson's Deposition taken in Garcia.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
310.		RLT LR-E Crown Integrity Improvement 'ACT' Team <i>GY Susman 26868-26873</i> <i>Marked as Exhibit 34 to Beale Robinson's Deposition taken in Garcia.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 172, 174, 179). R. FRE 403, 407.			
311.		LR "E" Belt Wire <i>GY Susman 26874-26885</i> <i>Marked as Exhibit 38 to Beale Robinson's Deposition taken in Garcia.</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. FRE 403, 407.			

312.		<p>Isuzu NPR Truck Tire  LT215/85R16 Treadwear Report  <i>GY Susman 28018-28026</i>  <i>Marked as Exhibit 207 to George Edward's Deposition taken in Arredondo.</i>  <i>Also, marked as Exhibit 207 to Mark Grund's Deposition taken in Arredondo bates GY Susman 28330-28338.</i></p>		<p>MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179).  R. FRE 403, 407.</p>			
313.		<p>Isuzu NPR Tire Problems on Vehicle Durability Test  <i>GY Susman 28027-28029</i>  <i>Marked as Exhibit 208 to George Edward's Deposition taken in Arredondo.</i>  <i>Also, marked as Exhibit 208 to Ray Young's Deposition taken in Arredondo GY Susman 28457-28459.</i>  <i>Also, marked as Exhibit 208 to Mark Grund's Deposition taken in Arredondo bates GY Susman 28339-28341.</i></p>		<p>MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179).  R. H. FRE 403, 407.</p>			
314.		<p>Isuzu Tread-Throw Tire  <i>GY Susman 28460</i>  <i>Marked as Exhibit 209 to Ray Young's Deposition taken in Arredondo.</i>  <i>Also, marked as Exhibit 209 to Mark Grund's Deposition taken in Arredondo bates GY Susman 28342.</i></p>		<p>MILs (ECF Nos. 161, 165, 168, 170, 171, 172, 174, 179).  R. H. FRE 403, 407.</p>			
315.		<p>Isuzu LT215/85R16 WHT Tread Separation Meeting Summary of Isuzu Dealer Conference in Phoenix on 1/19/95  <i>GY Susman 28030-28033</i>  <i>Marked as Exhibit 210 to George Edward's Deposition taken in Arredondo.</i>  <i>Also, marked as Exhibit 210 to Ray Young's Deposition taken in Arredondo GY Susman 28461-28464.</i>  <i>Also, marked as Exhibit 210 to Mark Grund's Deposition taken in Arredondo bates GY Susman 28343-28346.</i></p>		<p>MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179).  R. H. FRE 403, 407.</p>			

316.		<p>LT215/85R16 WHT Tread Throw  <i>GY Susman 28034-28035</i>  <i>Marked as Exhibit 211 to George Edward's Deposition taken in Arredondo.</i>  <i>Also, marked as Exhibit 211 to Ray Young's Deposition taken in Arredondo GY Susman 28465-28466.</i>  <i>Also, marked as Exhibit 211 to Mark Grund's Deposition taken in Arredondo bates GY Susman 28347-28348.</i></p>		<p>MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179).  R. H. FRE 403, 407.</p>			
317.		<p>LT215/85R16 WHT for NPR  <i>GY Susman 28036</i>  <i>Marked as Exhibit 212 to George Edward's Deposition taken in Arredondo.</i>  <i>Also, marked as Exhibit 212 to Ray Young's Deposition taken in Arredondo GY Susman 28467.</i>  <i>Also, marked as Exhibit 212 to Mark Grund's Deposition taken in Arredondo bates GY Susman 28349.</i></p>		<p>MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179).  R. H. FRE 403, 407.</p>			
318.		<p>ISUZU NPR Truck – Burst Issue  <i>GY Susman 28037</i>  <i>Marked as Exhibit 213 to George Edward's Deposition taken in Arredondo.</i>  <i>Also, marked as Exhibit 213 to Ray Young's Deposition taken in Arredondo GY Susman 28468.</i>  <i>Also, marked as Exhibit 213 to Mark Grund's Deposition taken in Arredondo bates GY Susman 28350.</i></p>		<p>MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179).  R. H. FRE 403, 407.</p>			
319.		<p>Isuzu NPR – LT215/85R16 LR-E Wrangler HT  <i>GY Susman 28038</i>  <i>Marked as Exhibit 214 to George Edward's Deposition taken in Arredondo.</i>  <i>Also, marked as Exhibit 214 to Mark Grund's Deposition taken in Arredondo bates GY Susman 28351.</i></p>		<p>MILs (ECF Nos. 161, 165, 170, 171, 174, 179).  R. FRE 403, 407.</p>			
320.		<p>ISUZU NPR, LT 215/85R16 Tire Tread Separation Failures</p>		<p>MILs (ECF Nos. 161,</p>			

		<p><i>GY Susman 28039</i>  <i>Marked as Exhibit 215 to George Edward's Deposition taken in Arredondo.</i>  <i>Also, marked as Exhibit 215 to Mark Grund's Deposition taken in Arredondo bates GY Susman 28352.</i></p>		<p>165, 170, 171, 172, 174, 179).  R. H. FRE 403, 407.</p>			
321.		<p>Isuzu NPR LT215/85R15 LR-E Tread Integrity  <i>GY Susman 28040-28041</i>  <i>Marked as Exhibit 216 to George Edward's Deposition taken in Arredondo.</i>  <i>Also, marked as Exhibit 216 to Mark Grund's Deposition taken in Arredondo bates GY Susman 28353-28354.</i></p>		<p>MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179).  R. H. FRE 403, 407.</p>			
322.		<p>Isuzu NPR Truck, LT215/85R16 LR-E Wrangler HT  <i>GY Susman 28042-28054</i>  <i>Marked as Exhibit 217 to George Edward's Deposition taken in Arredondo.</i>  <i>Also, marked as Exhibit 217 to Mark Grund's Deposition taken in Arredondo bates GY Susman 28355-28367.</i></p>		<p>MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179).  R. H. FRE 403, 407.</p>			
323.		<p>ISUZU NPR, LT215/85R16 Durability Improvement  <i>GY Susman 28055-28058</i>  <i>Marked as Exhibit 218 to George Edward's Deposition taken in Arredondo.</i>  <i>Also, marked as Exhibit 218 to Iwao Uenoyama's Deposition in Arredondo bates GY Susman 28427-28430.</i>  <i>Also, marked as Exhibit 218 to Ray Young's Deposition taken in Arredondo GY Susman 28469-28472.</i>  <i>Also, marked as Exhibit 218 to Mark Grund's Deposition taken in Arredondo bates GY Susman 28368-28371.</i></p>		<p>MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179).  R. H. FRE 403, 407.</p>			
324.		<p>Isuzu NPR – LT215/85R16 WHT LR-E  <i>GY Susman 28059</i></p>		<p>MILs (ECF Nos. 161, 165, 170,</p>			

		<p><i>Marked as Exhibit 219 to George Edward's Deposition taken in Arredondo.</i></p> <p><i>Also, marked as Exhibit 219 to Ray Young's Deposition taken in Arredondo GY Susman 28473.</i></p> <p><i>Also, marked as Exhibit 219 to Mark Grund's Deposition taken in Arredondo bates GY Susman 28372.</i></p>		<p>171, 172, 174, 179). R. H. FRE 403, 407.</p>			
325.		<p>Trip Report – Weight Study – Monarch/Odwalla GY Susman 28060-28082</p> <p><i>Marked as Exhibit 220 to George Edward's Deposition taken in Arredondo.</i></p> <p><i>Also, marked as Exhibit 220 to Mark Grund's Deposition taken in Arredondo bates GY Susman 28373-28395.</i></p> <p><i>Also, marked as Exhibit 29 to Richard Olsen's Deposition taken in Arredondo bates GY Susman 28270-28292.</i></p> <p><i>Also, marked as Exhibit 220 to Richard Olsen's Deposition taken in Arredondo bates GY Susman 28434-28456.</i></p>		<p>MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.</p>			
326.		<p>ISUZU NPR LT215/85R16 WHT Meeting at American Isuzu GY Susman 28083-28085</p> <p><i>Marked as Exhibit 221 to George Edward's Deposition taken in Arredondo.</i></p> <p><i>Also, marked as Exhibit 221 to Iwao Uenoyama's Deposition in Arredondo bates GY Susman 28431-28433.</i></p> <p><i>Also, marked as Exhibit 221 to Mark Grund's Deposition taken in Arredondo bates GY Susman 28396-28398.</i></p>		<p>MILs (ECF Nos. 161, 165, 170, 171, 172, 174). R. H. FRE 403, 407.</p>			
327.		<p>Isuzu NPR Truck GY Susman 28086-28113</p> <p><i>Marked as Exhibit 222 to George Edward's Deposition taken in Arredondo.</i></p> <p><i>Also, marked as Exhibit 222 to Mark Grund's Deposition taken in</i></p>		<p>MILs (ECF Nos. 161, 165, 170, 171, 172, 174). R. FRE 403, 407.</p>			

		<i>Arredondo bates GY Susman 28399.</i>					
328.		Overlay Implementation Meeting, 12/7/98 <i>GY Susman 28474-28475.</i> <i>Marked as Exhibit 232 to Ray Young's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174). R. H. FRE 403, 407.			
329.		LR-E Overlay Implementation Meeting, 2/19/99 <i>GY Susman 28476-28479</i> <i>Marked as Exhibit 233 to Ray Young's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174). R. H. FRE 403, 407.			
330.		LR-E Overlay Implementation Meeting, 5/7/99 <i>GY Susman 28480-28481</i> <i>Marked as Exhibit 237 to Ray Young's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174). R. H. FRE 403, 407.			
331.		Returned Tire Inspection <i>GY Susman 28269</i> <i>Marked as Exhibit 28 to Richard Olsen's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 172, 174, 179). R. FRE 403, 407.			
332.		Status of 'Tread-Throw' Analysis dated 10/09/95 <i>GY Susman 28297-28300</i> <i>Marked as Exhibit 31 to Richard Olsen's Deposition taken in Arredondo.</i> <i>Also, marked as Exhibit 32 to Richard Olsen's Deposition taken in Arredondo bates GY Susman 28301-28304.</i> <i>Also, marked as Exhibit 18 to Joseph Zekoski's Deposition taken in Corwin bates GY Susman 31680-31691.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
333.		Failure Analysis <i>GY Susman 28307</i> <i>Marked as Exhibit 35 to Richard Olsen's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. FRE 403, 407.			
334.		LT-Metric Problem Summary <i>GY Susman 28308</i>		MILs (ECF Nos. 161, 165, 170,			



		<i>Marked as Exhibit 36 to Richard Olsen's Deposition taken in Arredondo. Also, identified as 568 in Joseph Zekoski's Deposition taken in Ebanks.</i>		171, 172, 174, 179). R. FRE 403, 407.			
335.		LT Recommendations GY Susman 28309 <i>Marked as Exhibit 37 to Richard Olsen's Deposition taken in Arredondo. Also, identified as 597 in Joseph Zekoski's Deposition taken in Ebanks.</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. FRE 403, 407.			
336.		LT Phased Production Changes Phase I – Immediate GY Susman 28310 <i>Marked as Exhibit 38 to Richard Olsen's Deposition taken in Arredondo. Also, identified as 598 in Joseph Zekoski's Deposition taken in Ebanks.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 179). R. FRE 403, 407.			
337.		Problem Summary GY Susman 28311 <i>Marked as Exhibit 39 to Richard Olsen's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
338.		Damage Claims GY Susman 28312 <i>Marked as Exhibit 40 to Richard Olsen's Deposition taken in Arredondo. Also, marked as Exhibit 1 to Joseph Zekoski's Deposition taken in Arredondo bates GY Susman 28166.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. FRE 403, 407.			
339.		Damage Claims Goodyear/Kelly Light Truck Tires GY Susman 28313 <i>Marked as Exhibit 41 to Richard Olsen's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. F. FRE 403, 407.			
340.		RLT Crown Integrity Team Action Items GY Susman 28314-28316		MILs (ECF Nos. 161, 165, 168, 170, 171, 172, 174, 179).			

		<i>Marked as Exhibit 42 to Beale Robinson's Deposition taken in Arredondo.</i>		R. FRE 403, 407.			
341.		KS Fayetteville Tire Specification <i>GY Susman 28317-28319</i> <i>Marked as Exhibit 43 to Beale Robinson's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. FRE 403, 407.			
342.		KS Fayetteville Tire Specification <i>GY Susman 28320-28324</i> <i>Marked as Exhibit 44 to Beale Robinson's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. FRE 403, 407.			
343.		RLT Adjusted/Returned 'CA' Tires <i>GY Susman 28325</i> <i>Marked as Exhibit 45 to Beale Robinson's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. FRE 403, 407.			
344.		Gadsden Tire Specification <i>GY Susman 28326-28328</i> <i>Marked as Exhibit 46 to Beale Robinson's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 179). R. FRE 403, 407.			
345.		Failure Mode <i>GY Susman 28114</i> <i>Marked as Exhibit 1 to Joseph Zekoski's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. FRE 403, 407.			
346.		Kelly Springfield Tire Conditions <i>GY Susman 28115-28121</i> <i>Marked as Exhibit 2 to Joseph Zekoski's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 171, 172, 174). R. F.			
347.		Damage Claims Goodyear/Kelly by Date of Claim <i>GY Susman 28167</i> <i>Marked as Exhibit 7 to Joseph Zekoski's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. FRE 403, 407.			
348.		Adjustable Tire Condition <i>GY Susman 28122-28152</i> <i>Marked as Exhibit 8 to Joseph Zekoski's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172). R. F. FRE 403, 407.			

349.		Confirmation of Change in Specification <i>GY Susman 28171</i> <i>Marked as Exhibit 10 to Joseph Zekoski's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 179). R. FRE 403, 407.			
350.		Radial Light Truck <i>GY Susman 28172-28175</i> <i>Marked as Exhibit 11 to Joseph Zekoski's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. FRE 403, 407.			
351.		Root Cause Investigation #2 Wire Treatment Differences <i>GY Susman 28176</i> <i>Marked as Exhibit 12 to Joseph Zekoski's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 170, 171, 174, 179). R. FRE 403, 407.			
352.		Confirmation of Change in Specifications <i>GY Susman 28177</i> <i>Marked as Exhibit 13 to Joseph Zekoski's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. FRE 403, 407.			
353.		Gadsden Tire Specification <i>GY Susman 28178-28180</i> <i>Marked as Exhibit 14 to Joseph Zekoski's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. FRE 403, 407.			
354.		Ford Draws on Goodyear to Help Avert Concerns on Tire-Pressure Information <i>GY Susman 28182</i> <i>Marked as Exhibit 16 to Joseph Zekoski's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 175, 179). R. FRE 403, 407.			
355.		Tires Converted to Overlay <i>GY Susman 28183</i> <i>Marked as Exhibit 17 to Joseph Zekoski's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. FRE 403, 407.			
356.		Tread Separation on Wrangler AT Tires <i>GY Susman 28196</i> <i>Marked as Exhibit 20 to Joseph Zekoski's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			

357.		RLT Belt Design Standards <i>GY Susman 28197</i> <i>Marked as Exhibit 21 to Joseph Zekoski's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. FRE 403, 407.			
358.		Preliminary Impact Assessment – Phase I <i>GY Susman 28198-28201</i> <i>Marked as Exhibit 22 to Joseph Zekoski's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. FRE 403, 407.			
359.		RLT LR-E Overlay Applications Tire Cost Analysis <i>GY Susman 28202-28204</i> <i>Marked as Exhibit 23 to Joseph Zekoski's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. FRE 403, 407.			
360.		Kickoff Meeting, 2/16/96 <i>GY Susman 28205</i> <i>Marked as Exhibit 24 to Joseph Zekoski's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. H. FRE 403, 407.			
361.		Minutes of 11/10/95 Management Meeting – Tread/Top Belt Throws +Revision+ <i>GY Susman 28206</i> <i>Marked as Exhibit 25A to Joseph Zekoski's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. H. FRE 403, 407.			
362.		<i>Tread/Top Belt 'Throws' dated 11/10/1995</i> <i>GY Susman 28207-28227</i> <i>Marked as Exhibit 25B to Joseph Zekoski's Deposition taken in Arredondo.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
363.		Minutes of 11/10/95 Management Meeting – Tread/Top Belt Throws +REVISION+ DATED 11/14/95 with attachment <i>GY Susman 20953-20998</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. H. FRE 403, 407.			
364.		Goodyear Tire Manufacturing Process <i>GY Susman 30445</i> <i>Marked as Exhibit 2 to Richard Olsen's Deposition taken in Hebert.</i>		R. F.			

365.		Test Driver's Death Questioned as Goodyear Inquiry Nears End <i>GY Susman 30446-30447</i> <i>Marked as Exhibit 3 to Richard Olsen's Deposition taken in Hebert.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. F. H. FRE 403, 407.			
366.		Adjustment Procedure Manual <i>GY Susman 30114-30170</i> <i>Marked as Exhibit 4 to Richard Olsen's Deposition taken in Hebert.</i>		MIL (ECF Nos. 176). R. F.			
367.		<i>Tread/Top Belt 'Throws' dated 11/10/95</i> <i>GY Susman 29968-30018</i> <i>Marked as Exhibit 5 to Richard Olsen's Deposition taken in Hebert.</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 176, 179). R. FRE 403, 407.			
368.		Handwritten notes <i>GY Susman 31544-31545</i> <i>Marked as Exhibit 1 to Joseph Zekoski's Deposition taken in Corwin.</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. F. FRE 403, 407.			
369.		Fourth Amended Class Action Complaint for Damages <i>GY Susman 31694-31716</i> <i>Marked as Exhibit 2 to Joseph Zekoski's Deposition taken in Corwin.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. FRE 403, 407.			
370.		Expert Report of R.J. Grogan <i>GY Susman 31717-31726</i> <i>Marked as Exhibit 3 to Joseph Zekoski's Deposition taken in Corwin.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. H. F. FRE 403, 407.			
371.		Goodyear Replacing Truck Tires; Akron Firm Maintains Model Probed for Tears in Tread Not Defective <i>GY Susman 31546-31547</i> <i>Marked as Exhibit 10 to Joseph Zekoski's Deposition taken in Corwin.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 173, 174, 179). R. H. F. FRE 403, 407.			
372.		Goodyear Facing Government Safety Investigation Involving 27 Million Tires <i>GY Susman 31548-31549</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 173, 174, 179).			

		<i>Marked as Exhibit 11 to Joseph Zekoski's Deposition taken in Corwin.</i>		R. H. F. FRE 403, 407.			
373.		Current RLT Gauges <i>GY Susman 31554-31599</i> <i>Marked as Exhibit 13 to Joseph Zekoski's Deposition taken in Corwin.</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. FRE 403, 407.			
374.		Status of 'Tread Throw' Analysis dated 10/16/95 <i>GY Susman 31641-31647</i> <i>Marked as Exhibit 15 to Joseph Zekoski's Deposition taken in Corwin.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 179). R. H. FRE 403, 407.			
375.		Tread/Top Belt 'Throws' dated 10/25/95 <i>GY Susman 31648-31657.</i> <i>Marked as Exhibit 16 to Joseph Zekoski's Deposition taken in Corwin.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 176, 179). R. FRE 403, 407.			
376.		Minutes of 1/25/96 Management Meeting Tread/Top Belt Throws <i>GY Susman 31658-31679</i> <i>Marked as Exhibit 17 to Joseph Zekoski's Deposition taken in Corwin.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 172, 174, 176, 179). R. H. FRE 403, 407.			
377.		Tread/Top Belt Throw <i>GY Susman 31692-31693</i> <i>Marked as Exhibit 19 to Joseph Zekoski's Deposition taken in Corwin.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 172, 174, 179). R. FRE 403, 407.			
378.		RLT Crown Integrity <i>GY Susman 31733-31746</i> <i>Marked as Exhibit 24 to Joseph Zekoski's Deposition taken in Corwin.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
379.		RLT LR-E Crown Integrity Improvement 'ACT' Team <i>GY Susman 31747-31762</i> <i>Marked as Exhibit 25 to Joseph Zekoski's Deposition taken in Corwin.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			

380.		RLT LR-E Crown Integrity Improvement 'ACT' Team <i>GY Susman 31763-31765</i> <i>Marked as Exhibit 26 to Joseph Zekoski's Deposition taken in Corwin.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 174, 179). R. H. FRE 403, 407.			
381.		LR-E Testing <i>GY Susman 31766-31796</i> <i>Marked as Exhibit 27 to Joseph Zekoski's Deposition taken in Corwin.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
382.		Load Range E Durability/Crown Study <i>GY Susman 31797-31804</i> <i>Marked as Exhibit 28 to Joseph Zekoski's Deposition taken in Corwin.</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. FRE 403, 407.			
383.		Total RLT Capacity vs. Requirement <i>GY Susman 31825-31832</i> <i>Marked as Exhibit 30 to Joseph Zekoski's Deposition taken in Corwin.</i>		MILs (ECF Nos. 161, 165, 168, 170, 171, 172, 174, 176, 179). R. FRE 403, 407.			
384.		Isuzu – LT215/85R16 WHT Tread Throw Issue Information <i>GY Susman 31874-31879</i> <i>Marked as Exhibit 32 to Joseph Zekoski's Deposition taken in Corwin.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 179). R. FRE 403, 407.			
385.		Isuzu NPR Tread Separation F.T.A <i>GY Susman 31880</i> <i>Marked as Exhibit 33 to Joseph Zekoski's Deposition taken in Corwin.</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. FRE 403, 407.			
386.		Load Range E Overlay Conversion Plant <i>GY Susman 31881-31882</i> <i>Marked as Exhibit 34 to Joseph Zekoski's Deposition taken in Corwin.</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. FRE 403, 407.			
387.		RLT Load Range E Overlay Conversion Summary <i>GY Susman 31883-31884</i>		MILs (ECF Nos. 161, 165, 170, 171, 174, 179). R. FRE 403, 407.			

		<i>Marked as Exhibit 35 to Joseph Zekoski's Deposition taken in Corwin.</i>					
388.		Excerpt from August 24, 1998 Prepolicy Report Summary <i>GY Susman 31885</i> <i>Marked as Exhibit 36 to Joseph Zekoski's Deposition taken in Corwin.</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 173, 174, 179). R. H. F. FRE 403, 407.			
389.		Robert T. Jenkins' Letter to Editor and Goodyear <i>GY Susman 31886-31887</i> <i>Marked as Exhibit 37 to Joseph Zekoski's Deposition taken in Corwin.</i>		MILs (ECF Nos. 161, 165, 171, 172, 173, 174). R. H. F. FRE 403, 407.			
390.		Tire Service Life for Passenger Car and Light Truck Tires <i>GY Susman 30671-30672</i> <i>Marked as Exhibit 2 to Eric Mizner Deposition taken in Ochoa-Garcia.</i>		MILs (ECF No. 165). R. FRE 403.			
391.		Oxygen Content as a Function of Age (at the belt edge) <i>GY Susman 30676</i> <i>Marked as Exhibit 4 to Eric Mizner Deposition taken in Ochoa-Garcia.</i>		MILs (ECF Nos. 161, 170, 171, 172, 174, 179). R. FRE 403, 407.			
392.		Goodyear's submission to NHTSA regarding PE00-046 <i>GY Susman 00001-006325; 20845-25871</i>		MILs (ECF Nos. 161, 165, 170, 171, 172, 174, 176, 179). R. H. FRE 403, 407.			
393.		Goodyear LT235/85R16 Claims Files		MILs (ECF Nos. 170, 172, 174, 179). R. H. FRE 403.			
394.		Rule 1006 Summary of Goodyear LT235/85R16 Claims Files		MILs (ECF Nos. 170, 172, 174, 179). R. H. F. FRE 403.			
395.		Kearney Towing & Repair Center Invoice dated 06/10/2014 <i>GY-DCC 0104</i>			X		




396.		Farm Bureau Property & Casualty Estimate <i>Dandee00041</i>			X		
397.		<b>Goodyear Statement on NHTSA Preliminary Investigation</b> <b><i>GY Susman 34075-34077</i></b>		MILs (ECF Nos. 161, 170, 171, 174, 179). R. H. FRE 403.			
398.		<b>Conclusions</b> <b><i>GY Susman 27884</i></b> <b><i>Marked as Exhibit 146 to Ray Young's Deposition taken in Arredondo.</i></b>		MILs (ECF Nos. 161, 170, 171, 174, 179). R. FRE 403.			

The Goodyear Tire & Rubber Company reserves the right to object to exhibits not yet disclosed by Plaintiffs, including and not limited to, Exhibit Numbers 47-52, 415, 416. Goodyear also reserves the right to object to exhibits under Fed. R. Evid. 402 and 403.

KASTER, LYNCH, FARRAR & BALL, L.L.P.

Dated: February 18, 2020

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**IN THE UNITED STATES DISTRICT COURT  
FOR THE DISTRICT OF NEBRASKA**

RYSTA LEONA SUSMAN, both  
individually and as Legal Guardian of  
SHANE ALLEN LOVELAND, et al.,

Plaintiffs,

v.

THE GOODYEAR TIRE & RUBBER  
COMPANY,

Defendant.

Case No. 8:18-cv-00127

**THE GOODYEAR TIRE & RUBBER COMPANY'S  
TRIAL EXHIBIT LIST**

**Trial Date(s):** March 17, 2020, 10 days

PLF Ex. No.	DEF Ex. No.	Description	Offer	Obj	Admit	Rcvd/ Not Rcvd	Date
	501.	Tire at issue, right rear			✓		
	502.	Wheel at issue, right rear			✓		
	503.	Companion tire, left front			✓		
	504.	Companion tire, right front			✓		
	505.	Companion tire, left rear			✓		
	506.	Goodyear Gadsden Tire Specifications, Light Truck- Radial-Light Duty, Size LT235/85R16 (GY_Susman_28966-28971 )		Hearsay			
	507.	Goodyear Gadsden Tire Specifications, Light Truck- Radial-Light Duty, Size LT235/85R16 (GY_Susman_28939-28965; GY_Susman_28972- 29010)		Hearsay			
	508.	LT235/85R16 Wrangler HT design drawings (GY_Susman_36466-36473)		Hearsay			
	509.	Goodyear Global Master Specifications (GY_Susman_36300-36465)		Hearsay			
	510.	Component Parts Animation (LT 235/85R16 Wrangler HT)		Not produced yet			

PLF Ex. No.	DEF Ex. No.	Description	Offer	Obj	Admit	Rcvd/ Not Rcvd	Date
	511.	Tire Building Animation (LT 235/85R16 Wrangler HT)		Not produced yet			
	512.	Impact Separation Animation		Not produced yet			
	513.	Over-deflection Animation		Not produced yet			
	514.	Enhanced image of localized separation in tire at issue demonstrating polishing and adhesion		Hearsay; Relevance			
	515.	Nebraska State Patrol Incident Report and Call History dated May 1, 2015		Hearsay; Relevance			
	516.	State of Nebraska Investigator Motor Vehicle Accident Report, Case No. C15-07916, Date of Accident: May 1, 2015		Hearsay; Relevance			
	517.	State of Nebraska Investigator Motor Vehicle Accident Report Overlays 1 and 2		Hearsay; Relevance			
	518.	Nebraska State Patrol scene photographs (GY-NESP 0001-0062)			✓		
	519.	Report: Joseph Grant, dated May 9, 2019		Hearsay			
	520.	Curriculum Vitae: Joseph Grant		Hearsay			
	521.	RR Subject Tire Examination Notes		Hearsay			
	522.	LF Companion Tire Examination Notes		Hearsay			
	523.	360 degree tire photograph (RR MDORNJHV244)			✓		
	524.	360 degree tire x-ray (RR MDORNJHV244)			✓		
	525.	Charts: Survey: Analyses of Casings; Used Tire Survey Data Summary; Used Tire Surveys		Hearsay			
	526.	X-rays, Individual, all tires			✓		
	527.	X-rays, Southwell, all tires			✓		
	528.	Companion tire photographs			✓		
	529.	Subject tire photographs			✓		
	530.	Shearography of companion tires			✓		
	531.	Tire Industry Association <i>Passenger &amp; Light Truck Tire Conditions Manual</i> , 2005		Hearsay			
	532.	The Pneumatic Tire, edited by A. N. Gent and J. D. Walter, Published 2005 by the National Highway Traffic Safety Administration; Chapters 15 and 16.		Hearsay			

PLF Ex. No.	DEF Ex. No.	Description	Offer	Obj	Admit	Rcvd/ Not Rcvd	Date
	533.	Herzlich, Harold J., “The Effect of Snaked Belt Anomalies on Tire Durability”, International Tire Exhibition and Conference, 2000		Hearsay			
	534.	“Impact Simulations-What happens when a tire/wheel impacts a road hazard” by Gary Bolder, John Smith, and Timothy Flood of Standards Testing Labs, 2005		Hearsay			
	535.	“Structural Impact Damage Under Varying Laboratory Conditions” by Gary Bolden of STL, ITEC 2006.		Hearsay			
	536.	“Influence of road hazard impact on radial car tires” by Vandy Price of Michelin and Glenn Follen, Rubber & Plastics News, May 14, 2018		Hearsay			
	537.	ITEC 2004, Paper 45D – “Rim Line Grooves as an Indicator of Underinflated or Overloaded Tire Operation in Radial Tires” by Joseph L. Grant		Hearsay			
	538.	Compression Grooving as an Indicator of Over-Deflected Operating Conditions in Tires, Standards Testing Laboratories, Inc., Schnuth, Fuller, Follen, Gold, June 1997		Hearsay			
	539.	Compression Grooving and Rim Flange Abrasion as Indicators of Over-Deflected Operating Conditions in Tires, Standards Testing Laboratories, Inc., Schnuth, Fuller, Follen, Gold, Smith, October 1997		Hearsay			
	540.	Effects of Over-Deflection on the Tire/Rim Interface, Standards Testing Laboratories, Inc., Schnuth, Smith, Bolden, Flood, September 1998		Hearsay			
	541.	2001 Northwestern Traffic Collision manual, Chapter 8		Hearsay			
	542.	The Tire and Rim Association load and inflation tables, 1990 Year Book		Hearsay			
	543.	“The Effect of Underinflation on Tire Operating Temperature”, Jenny Paige, ITEC 2012.		Hearsay			
	544.	ITEC 2004 - “Component Interfacial Tearing Appearances” by Gary Bolden.		Hearsay			
	545.	Tire Care & Safety – 2013 RMA		Hearsay			
	546.	“X-Ray Study of Sixty (60) Worn out Passenger & Light Truck Tires” Joseph L Grant, ITEC 2012, including x-rays		Hearsay			
	547.	“Belt Misalignments and Belt/Belt Tear Patterns” by Harold J. Herzlich of Herzlich Consulting, Inc.		Hearsay			

PLF Ex. No.	DEF Ex. No.	Description	Offer	Obj	Admit	Rcvd/ Not Rcvd	Date
	548.	“Typical Manufacturing Conditions in Steel Belted Radial Tires: Do They Influence Tire Durability?”, Vandy Price and Joseph Grant, ITEC 2016.		Hearsay			
	549.	The Tire Technology Conference, October 28-29, 1986, Clemson University, “What Makes a High Performance Tire Different Than a Regular Tire?”		Hearsay			
	550.	“Vehicle Response Comparison to Tire Tread Separations Induced by Circumferential Cut and Distressed Tires”, SAE 2007-01-0733 by D. Tandy, Granat, Durisek, K. Tandy, Baldwin & Pascarella.		Hearsay			
	551.	RMA Scrap Tire Project, dated December 19, 2005		Hearsay			
	552.	Michelin – Passenger & Light Truck Tire Owner’s Manual & Limited Warranty		Hearsay			
	553.	DOT HS 809 361 – “Tire Safety, Everything Rides On It”, NHTSA		Hearsay			
	554.	RMA - Care and Service of Automobile and Light Truck Tires (9/95)		Hearsay			
	555.	“Tire Forensic Investigation, Analyzing Tire Failure” By Thomas R. Giapponi, SAE R-387.		Hearsay			
	556.	Tire Examination Following Accidents, Topic 825 of the Traffic-Accident Investigation Manual, James Gardner and J. Stannard Baker		Hearsay			
	557.	Impact simulations in the lab, G.C. Bolden, J.M. Smith, and T. R. Flood, STL, Tire Technology International 2001		Hearsay			
	558.	Impact Demonstration Study conducted by STL, with photos – Piard, 2006		Hearsay			
	559.	Impact Demonstration Study conducted by STL, with photos – Prince, 2002		Hearsay			
	560.	Tire Examination after Motor Vehicle Collisions, Chapter 8, Calvin P. McClain, Jr. and Michael A. DiTallo, Northwestern University Center for Public Safety		Hearsay			
	561.	Traffic Crash Investigation, Lynn B. Fricke and J. Stannard Baker, Northwestern University Center for Public Safety, 11 <sup>th</sup> Edition, 2014		Hearsay			
	562.	2011 RMA Care and Service of Passenger & Light Truck (LT) Tires.		Hearsay			
	563.	Commercial Medium Tire Debris Study, NHTSA HS 811 060, December 2008		Hearsay			

PLF Ex. No.	DEF Ex. No.	Description	Offer	Obj	Admit	Rcvd/ Not Rcvd	Date
	564.	Forensic Analysis in Tire Tread Separations, John W. Daws, Rubber and Plastic News, March 5, 2007		Hearsay			
	565.	Care and Service of Commercial Truck and Bus Tires, U.S. Tire Manufacturers Association, 2017		Hearsay			
	566.	Tire Care & Safety – 2013 RMA		Hearsay			
	567.	“Bead Compression Grooving: Characteristics and Influence of the Deflection” by Jean Claude Brico, ITEC, 2004		Hearsay			
	568.	Tyre Damage and Its Causes, Continental 2005/2006		Hearsay			
	569.	“Tire Inflation Pressure and Temperature” – independent research		Hearsay			
	570.	United States Patent No. 4,724,881, Poque, et al., Pneumatic Vehicle Tire issued February 16, 1988		Hearsay			
	571.	Cord Shadowing on Innerliner by Joe Grant		Hearsay			
	572.	Examples of Tires with Nylon Cap Ply/Strips that have experienced Tread and Top Steel Belt Detachments		Not substantial ly similar			
	573.	The safety impact of Vehicle-related road Debris, G. Forbes, J. Robinson Ph.D., prepared for AAA Foundation for Traffic Safety, June 2004		Hearsay			
	574.	Goodyear Web Site – Announcements Talking Points Messages Proactive Tire Replacement for some LR-E tires Specific to 15-Passenger Vans		Hearsay			
	575.	Goodyear Web Site- Goodyear Responds to Set Record Straight On Misleading Reports		Hearsay			
	576.	Goodyear Web Site - Load Range E Tire Backgrounds Information		Hearsay			
	577.	Goodyear Web Site- Dear Goodyear Customer November, 2000		Hearsay			
	578.	Goodyear - The Complete Tire Safety Guide		Hearsay			
	579.	NHTSA Firestone Steeltex Investigative Reports 02		Hearsay			
	580.	Report: Arthur Gray Beauchamp dated May 6, 2019		Hearsay; Relevance			
	581.	Curriculum Vitae: Arthur Gray Beauchamp		Hearsay; Relevance			
	582.	“File Notes Caption Report - A121365W00” (redacted) (BLAIR000016)		Hearsay; Relevance			
	583.	Handwritten notes by Mr. Beauchamp		Hearsay; Relevance			

PLF Ex. No.	DEF Ex. No.	Description	Offer	Obj	Admit	Rcvd/ Not Rcvd	Date
	584.	Expert Testimony for Mr. Gray Beauchamp since 2014		Hearsay; Relevance			
	585.	Document with tire dimensions (outer diameter, outer radius, width)		Hearsay; Relevance			
	586.	Color photographs (15 pages, various vehicles)		Hearsay; Relevance			
	587.	Memorandum: From Daniel Koch re Optional Tire Sizes, dated April 12, 2019		Hearsay			
	588.	Digital Images: -aerial (3); -scene inspection: 8/31/18 by DT (175), 4/17/19 by SF (175); -vehicle inspection: 10/4/18 Chevy by GB (487), 10/4/18 Chevy by SF (396); tires by GB 11/21/18 (359)			✓		
	589.	Inspection notes: Chevrolet		Hearsay			
	590.	Inspection notes: tires		Hearsay			
	591.	Sequence graphics (pages 337-340 of Steven Fenton's reconstruction document)		Hearsay; Relevance			
	592.	Vehicle dynamics: • 2013-01-0776: test-data; test-movies; test-reports; 2013 comparison of 25 high speed tire disablements involve full and partial tread seps.pdf • 2017-01-1427: test-data; test-movies; test-reports; 2017-(koch-beauchamp-pentecost)- tire disablement deceleration.pdf • NADS: study with videos		Hearsay; Relevance			
	593.	Tread Vehicle Interaction: -Subject Vehicle Damage (18 photographs) -Test Vehicle Damage -BMW (11 photographs) -Expedition (12 photographs) -Malibu (15 photographs) -Minivan (21 photographs)		Hearsay; Relevance			
	594.	Baker, J. Stannard, "Tire Disablements and Accidents on a High-Speed Road," The Traffic Institute's Tire Study, April 1968.		Hearsay			
	595.	Beauchamp, Gray, et al., "A Comparison of 25 High Speed Tire Disablements Involving Full and Partial Tread Separations", SAE International, published 04/08/2013.		Hearsay			
	596.	Gardner, Jim. "The Role of Blowouts in Accident Causation," Publication no. 87-WA/SAF-4. New		Hearsay			



PLF Ex. No.	DEF Ex. No.	Description	Offer	Obj	Admit	Rcvd/ Not Rcvd	Date
		York City: American Society of Mechanical Engineers, 1987.					
	597.	Gardner, Jim. "The Role of Tread/Belt Detachment in Accident Causation," ITEC 1998, Paper 27A.		Hearsay			
	598.	Gardner, J.D., Queiser, B.J., 2006. "The Pneumatic Tire," Report DOT HS 810 561, US Department of Transportation, National Highway Traffic Safety Administration, Washington, DC, USA, February 2006, ch 15.		Hearsay			
	599.	Gillespie, Thomas D., <u>Fundamentals of Vehicle Dynamics</u> , Society of Automotive Engineers Warrendale, PA, 1992.		Hearsay			
	600.	Fay, R., Robinette, R., Smith, J., Flood, T. et al., "Drag and Steering Effects from Tire Tread Belt Separation and Loss," SAE Technical Paper 1999-01-0447, 1999, doi:10.4271/1999-01-0447.		Hearsay			
	601.	Klein, E. and Black, T., "Anatomy of Accidents Following Tire Disablements", SAE Technical Paper 1999-01-0446, 1999, doi:10.4271/1999-01-0446.		Hearsay			
	602.	Koch, Daniel, et al., "Deceleration Rates of Vehicles with Disabled Tires", SAE International, published 03/28/2017.		Hearsay			
	603.	Liu, C., Ye, T.J., "Run-Off-Road Crashes: An On Scene Perspective," NHTSA DOT HS 811 500, 2011.		Hearsay			
	604.	Lowne, R.W., "Tyre Failures on Part of M5 Motorway", Transport and Road Research Laboratory, TRRL Report LR 585, Crowthorne, Berkshire, 1973.		Hearsay			
	605.	Robinette, R., Deering, D., and Fay, R., "Drag and Steering Effects of Under Inflated and Deflated Tires," SAE Technical Paper 970954, 1997, doi:10.4271/970954.		Hearsay			
	606.	Tandy, D., Granat, K., Durisek, N., Tandy, K. et al., "Vehicle Response Comparison to Tire Tread Separations Induced by Circumferentially Cut and Distressed Tires," SAE Technical Paper 2007-01-0733, 2007, doi:10.4271/2007-01-0733.		Hearsay			
	607.	Tandy, D., Pascarella, R., Ault, B., Coleman, C. et al., "Steering and Handling Performance During a Full Tire Tread Belt Separation," SAE Int. J. Passeng. Cars – Mech. Syst. 4(1):791-806, 2011, doi:10.4271/2011-01-0973.		Hearsay			

PLF Ex. No.	DEF Ex. No.	Description	Offer	Obj	Admit	Rcvd/ Not Rcvd	Date
	608.	Tandy, D., Ault, B., and Pascarella, R., "Steering and Handling Performance Following a Full Tire Tread Belt Separation," SAE Technical Paper 2012-01-0257, 2012, doi:10.4271/2012-01-0257.		Hearsay			
	609.	Tandy, D., Ault, B., Colborn, J., and Pascarella, R., "Objective Measurement of Vehicle Steering and Handling Performance When a Tire Loses Its Air," SAE Int. J. Passeng. Cars - Mech. Syst. 6(2):741-769, 2013, doi:10.4271/2013-01-0748.		Hearsay			
	610.	Wierwille, W.W., Casali, J.G., "Driver Steering Reaction Time to Abrupt-Onset Crosswinds, as Measured in a Moving-Base Driving Simulator," Human Factors: The Journal of the Human Factors and Ergonomics Society, February 1983, vol. 25, no. 1103-116, doi: 10.1177/00187208830250011.		Hearsay			
	611.	Young, D., Heckman, G., Kim R., "Human Factors in Sudden Acceleration Incidents," Proceedings of the Human Factors and Ergonomics Society Annual Meeting 2011 55: 1938, DOI:0.1177/1071181311551404.		Hearsay			
	612.	Ranney, Thomas A., et al., Investigation of Driver Reactions to Tread Separation Scenarios in the National Advanced Driving Simulator (NADS) U.S. Department of Transportation, National Highway Traffic Safety Administration, DOT HS 809 523, January 2003.		Hearsay			
	613.	Rucoba, Robert, et al., An analysis of Driver Reactions to Tire Failures Simulated with the National Advanced Driving Simulator (NADS). Sixth International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design. 2011.		Hearsay			
	614.	Rucoba, R., Liebbe, R., Duran, A., and Carr, L., "The Effectiveness of the National Advanced Driving Simulator (NADS) in Evaluating the Effect of Tire Tread Belt Detachments," SAE Technical Paper 2013-01-0467, 2013, doi:10.4271/2013-01-0467.		Hearsay			
	615.	Report: Stephen Fenton, dated May 6, 2019		Hearsay; Relevance			
	616.	Curriculum Vitae: Stephen Fenton		Hearsay; Relevance			
	617.	Scene Survey Data, 8/31/18		Hearsay; Relevance			
	618.	Scene Diagram		Hearsay; Relevance			

PLF Ex. No.	DEF Ex. No.	Description	Offer	Obj	Admit	Rcvd/ Not Rcvd	Date
	619.	Scratch Pattern Diagram		Hearsay; Relevance			
	620.	Photographs marked at Mr. Fenton's deposition		Relevance			
	621.	Roll Diagram		Hearsay; Relevance			
	622.	CDR/Kineticorp Analysis Alignment		Hearsay; Relevance			
	623.	Drive Train Analysis		Hearsay; Relevance			
	624.	Yaw and Trip Analysis		Hearsay; Relevance			
	625.	Roll Velocity and Ground Plane Velocity v. Number of Rolls		Hearsay; Relevance			
	626.	Gilbert Engineering Accident Calculations			✓		
	627.	Roll Phase Dynamics		Hearsay; Relevance			
	628.	Diagram (untitled)		Hearsay; Relevance			
	629.	Accident Sequence and Calculations		Hearsay; Relevance			
	630.	Loveland Photos			✓		
	631.	Photograph with handwritten notes		Hearsay; Relevance			
	632.	Yaw Phase Diagram zoomed in		Hearsay; Relevance			
	633.	Roll Phase Diagram zoomed in		Hearsay; Relevance			
	634.	Subject Crash Comparison to Steer-Induces Rollover Testing		Hearsay; Relevance			
	635.	Quarter Turn Analysis		Hearsay; Relevance			
	636.	RPM/Gear Analysis		Hearsay; Relevance			
	637.	3D Reconstruction Screenshots		Hearsay; Relevance			
	638.	Scans (pick-up)		Hearsay; Relevance			
	639.	Photogrammetry Diagrams		Hearsay; Relevance			
	640.	Diagrams created from Photogrammetry		Hearsay; Relevance			
	641.	Fenton reconstruction: <ul style="list-style-type: none"> <li>Digital Images (89-210)</li> <li>Scene Diagram (211-219)</li> </ul>		Hearsay; Relevance			

PLF Ex. No.	DEF Ex. No.	Description	Offer	Obj	Admit	Rcvd/ Not Rcvd	Date
		<ul style="list-style-type: none"> <li>• Photogrammetry (220-286)</li> <li>• Inertial Parameters (260-286)</li> </ul>					
	642.	2 e-scan data: <ul style="list-style-type: none"> <li>• Raw scan data</li> <li>• Scan-images</li> </ul>		Hearsay; Relevance			
	643.	Baker, Kenneth S., Chapter 9: <i>Photogrammetry for Collision Analysis</i> , Traffic Collision Investigation. Evanston: Northwestern University Center for Public Safety, 2001.		Hearsay			
	644.	Brach, Raymond M. Chapter 10: <i>Photogrammetry, Vehicle Accident Analysis and Reconstruction Methods</i> . Warrendale: Society of Automotive Engineers, 2005.		Hearsay			
	645.	Breen, Kevin C. <i>Application of Photogrammetry to Accident Reconstruction</i> , SAE Technical Paper 861422. Warrendale: Society of Automotive Engineers, 1986.		Hearsay			
	646.	Chou, C., McCoy, R., Le, J., Fenton, S. et al., <i>Image Analysis of Rollover Crash Tests Using Photogrammetry</i> , SAE Technical Paper 2006-01-0723, 2006, doi:10.4271/2006-01-0723.		Hearsay			
	647.	Fenton, S. and Kerr, R., <i>Accident Scene Diagramming Using New Photogrammetric Technique</i> , SAE Technical Paper 970944, 1997, doi:10.4271/970944.		Hearsay			
	648.	Fenton, S., Johnson, W., LaRocque, J., Rose, N. et al., <i>Using Digital Photogrammetry to Determine Vehicle Crush and Equivalent Barrier Speed (EBS)</i> , SAE Technical Paper 1999-01-0439, 1999, doi:10.4271/1999-01-0439.		Hearsay			
	649.	Fenton, S., Neale, W., Rose, N., and Hughes, C., <i>Determining Crash Data Using Camera Matching Photogrammetric Technique</i> , SAE Technical Paper 2001-01-3313, 2001, doi:10.4271/2001-01-3313.		Hearsay			
	650.	Fenton, S., Ziernicki, R., Rose, N., and Johnson, W., <i>Using Digital Photogrammetry to Determine Crash Severity</i> , Rep. London: ICrash 2000, International Crashworthiness Conference, The Royal Aeronautical Society, 2000.		Hearsay			
	651.	Husher, Stein E., Michael S. Varat, and John F. Kerhoff. <i>Survey of Photogrammetric Methodologies for Accident Reconstruction</i> , Rep. Vancouver: Proceedings of the Canadian Multi-Disciplinary		Hearsay			

PLF Ex. No.	DEF Ex. No.	Description	Offer	Obj	Admit	Rcvd/ Not Rcvd	Date
		Road Safety Conference VII, 1991.					
	652.	Funk, J., Beauchamp, G., Rose, N., Fenton, S. et al., <i>Occupant Ejection Trajectories in Rollover Crashes: Full-Scale Testing and Real World Cases</i> , SAE Int. J. Passeng. Cars - Mech. Syst. 1(1):43-54, 2009, doi:10.4271/2008-01-0166.		Hearsay			
	653.	Neale, W., Hessel, D., and Terpstra, T., <i>Photogrammetric Measurement Error Associated with Lens Distortion</i> , SAE Technical Paper 2011-01-0286, 2011, doi:10.4271/2011-01-0286.		Hearsay			
	654.	Neale, W., S. Fenton, S. McFadden, and N. A. Rose. <i>A Video Tracking Photogrammetry Technique to Survey Roadways for Accident Reconstruction</i> , SAE Technical Paper 2004-01-1221. Warrendale: Society of Automotive Engineers, 2004.		Hearsay			
	655.	Pepe, Michael D. <i>Accuracy of Three-Dimensional Photogrammetry as Established by Controlled Field Tests</i> , SAE Technical Paper 930662. Warrendale: Society of Automotive Engineers, 1993.		Hearsay			
	656.	Rose, N., Neale, W., Fenton, S., Hessel, D. et al., <i>A Method to Quantify Vehicle Dynamics and Deformation for Vehicle Rollover Tests Using Camera-Matching Video Analysis</i> , SAE Int. J. Passeng. Cars - Mech. Syst. 1(1):301-317, 2008, doi:10.4271/2008-01-0350.		Hearsay			
	657.	Rucoba, R., A. Duran, L. Carr, and D. Erdeljac. <i>A Three Dimensional Crush Measurement Methodology Using Two-Dimensional Photographs</i> , SAE Technical Paper 2008-01-0163. Warrendale: Society of Automotive Engineers, 2008.		Hearsay			
	658.	Woolley, R., White, K., Asay, A., and Bready, J., <i>Determination of Vehicle Crush from Two Photographs and the Use of 3D Displacement Vectors in Accident Reconstruction</i> , SAE Technical Paper 910118, 1991, doi:10.4271/910118.		Hearsay			
	659.	Beauchamp, G., Hessel, D., Rose, N., Fenton, S. et al., <i>Determining Vehicle Steering and Braking from Yaw Mark Striations</i> , SAE Int. J. Passeng. Cars - Mech. Syst. 2(1):291-307, 2009, doi:10.4271/2009-01-0092.		Hearsay			
	660.	Daily, John, Nathan S. Shigemura, and Jeremy Daily. <i>Fundamentals of Traffic Crash Reconstruction</i> , Jacksonville: Institute of Police Technology and Management, University of North Florida, 2006.		Hearsay			

PLF Ex. No.	DEF Ex. No.	Description	Offer	Obj	Admit	Rcvd/ Not Rcvd	Date
	661.	Fricke, Lynn B. <i>Traffic Accident Reconstruction</i> , Evanston, IL: Northwestern University Traffic Institute, 1990.		Hearsay			
	662.	Fricke, Lynn B. <i>Traffic Crash Reconstruction, 2nd Edition</i> , Evanston, IL: Northwestern University Traffic Institute, 2010.		Hearsay			
	663.	Reveley, Mary S. <i>A Comparison Study of Skid and Yaw Marks</i> , SAE Technical Paper 890635. Warrendale: Society of Automotive Engineers, 1989.		Hearsay			
	664.	Bare, Cleve, Brian Everest, Donald Floyd, and Douglas Nunan. <i>Analysis of Pre-Crash Data Transferred over the Serial Data Bus and Utilized by the SDM-DS Module</i> , SAE Technical Paper 2011-01-0809. Warrendale: Society of Automotive Engineers, 2011.		Hearsay			
	665.	Bortles, W., Biever, W., Carter, N., and Smith, C., <i>A Compendium of Passenger Vehicle Event Data Recorder Literature and Analysis of Validation Studies</i> , SAE Technical Paper 2016-01-1497, 2016, <a href="https://doi.org/10.4271/2016-01-1497">https://doi.org/10.4271/2016-01-1497</a> .		Hearsay			
	666.	Bortles, W., Koch, D., Beauchamp, G., Pentecost, D. et al., "Event Data Recorder Performance during High Speed Yaw Testing Subsequent to a Simulated Tire Tread Separation Event," SAE Technical Paper 2019-01-0634, 2019, doi:10.4271/2019-01-0634.		Hearsay			
	667.	Gabler, H. Clay, John Hinch, and John Steiner. <i>Event Data Recorders - A Decade of Innovation</i> , Rep. no. PT-139. Warrendale: Society of Automotive Engineers, 2008.		Hearsay			
	668.	Ishikawa, Hirotooshi, et al. <i>Study on Pre-Crash and Post-Crash Information Recorded in Electronic Control Units (ECUS) Including Event Data Recorders</i> , Japan, Paper Number 09-0375.		Hearsay			
	669.	Lawrence, Jonathan M., Craig C. Wilkinson, David J. King, Bradley E. Heinrichs, and Gunter P. Siegmunds. <i>The Accuracy and Sensitivity of Event Data Recorders in Low-Speed Collisions</i> , SAE Technical Paper 2002-01-0679. Warrendale: Society of Automotive Engineers, 2002.		Hearsay			
	670.	Lawrence, Jonathan M., and Craig C. Wilkinson. <i>The Accuracy of Crash Data from Ford Restraint Control Modules Interpreted with Revised Vetronix Software</i> , SAE Technical Paper 2005-01-1206. Warrendale: Society of Automotive Engineers, 2005.		Hearsay			

PLF Ex. No.	DEF Ex. No.	Description	Offer	Obj	Admit	Rcvd/ Not Rcvd	Date
	671.	Niehoff, Peter. <i>Evaluation of Event Data Recorders in Full Systems Crash Tests</i> , Rep. no. 05-0271. Washington D.C.: National Highway Traffic Safety Administration.		Hearsay			
	672.	Steiner, John C. <i>Event Data Recorder Pre-Crash Data Sources for General Motors Vehicles</i> , Rep. no. IMECE2003-41812. American Society of Mechanical Engineers International Mechanical Engineering Congress & Exposition, 2003.		Hearsay			
	673.	Wilkinson, Craig C. <i>The Accuracy and Sensitivity of 2003 and 2004 General Motors Event Data Recorders in Low-Speed Barrier and Vehicle Collisions</i> , SAE Technical Paper 2005-01-1190. Warrendale: Society of Automotive Engineers, 2005.		Hearsay			
	674.	Arndt, Mark W., et al., <i>Drag Factors from Rollover Crash Testing For Crash Reconstructions</i> , Rep. no. IMECE2011-65537. American Society of Mechanical Engineers International Mechanical Engineering Congress & Exposition, 2011.		Hearsay			
	675.	Arndt, Mark W., et al., <i>Comparison of Linear Variable Deceleration Rate Rollover Reconstruction to Steer-Induced Rollover Tests</i> , SAE Technical Paper 2012-01-0469. Warrendale: SAE International, 2012.		Hearsay			
	676.	Asay, Alan F. et al. <i>Rollover Testing of Sport Utility Vehicles (SUVs) on an Actual Highway</i> , SAE Technical Paper 2010-01-0521. Warrendale: Society of Automotive Engineers, 2010.		Hearsay			
	677.	Carter, Jarrod W. et al. <i>Rollover Dynamics: An Exploration of the Fundamentals</i> , SAE Technical Paper 2008-01-0172. Warrendale: Society of Automotive Engineers, 2008.		Hearsay			
	678.	Funk, James R., <i>Trajectory Model of Occupants Ejected in Rollover Crashes</i> , SAE Technical Paper 2007-01-0742. Warrendale: Society of Automotive Engineers, 2007.		Hearsay			
	679.	Koch, D., Beauchamp, G., and Pentecost, D., <i>Deceleration Rates of Vehicles with Disabled Tires</i> , SAE Technical Paper 2017-01-1427, 2017.		Hearsay			
	680.	Luepke, Peter, et al. <i>An Evaluation of Laminated Side Window Glass Performance During Rollover</i> , SAE Technical Paper 2007-01-0367. Warrendale: Society of Automotive Engineers, 2007.		Hearsay			



PLF Ex. No.	DEF Ex. No.	Description	Offer	Obj	Admit	Rcvd/ Not Rcvd	Date
	681.	Rose, Nathan A., Beauchamp, Gray, Fenton, Stephen J. <i>Factors Influencing Roof-to-Ground Impact Severity: Video Analysis and Analytical Modeling</i> , SAE Technical Paper 2007-01-0726. Warrendale: Society of Automotive Engineers, 2007.		Hearsay			
	682.	Rose, Nathan A., Beauchamp, Gray, Fenton, Stephen J. <i>Analysis of Vehicle-to-Ground Impacts during a Rollover with an Impulse-Momentum Impact Model</i> , SAE Technical Paper 2008-01-0178. Warrendale: Society of Automotive Engineers, 2008.		Hearsay			
	683.	Rose, Nathan A. Beauchamp, Gray, Fenton, Stephen J. <i>The Influence of Vehicle-to-Ground Impact Conditions on Rollover Dynamics and Severity</i> , SAE Technical Paper 2008-01-0194. Warrendale: Society of Automotive Engineers, 2008.		Hearsay			
	684.	Rose, Nathan A., and Gray Beauchamp. <i>Development of a Variable Deceleration Rate Approach to Rollover Crash Reconstruction</i> , SAE Technical Paper 2009-01-0093. Warrendale: Society of Automotive Engineers, 2009.		Hearsay			
	685.	Rose, Nathan A., and Gray Beauchamp. <i>Analysis of a Dolly Rollover with PC-Crash</i> , SAE Technical Paper 2009-01-0822. Warrendale: Society of Automotive Engineers, 2009.		Hearsay			
	686.	Rose, Nathan A., and Gray Beauchamp. <i>A Variable Deceleration Approach to Rollover Crash Reconstruction</i> , Collision Magazine, Vol. V, Issue I, Spring 2010.		Hearsay			
	687.	Stevens, Don C., et al., <i>Rollover Crash Test Results: Steer-Induced Rollovers</i> , SAE Technical Paper 2011-01-1114. Warrendale: Society of Automotive Engineers, 2011.		Hearsay			
	688.	Report: Ernest Goss, Ph.D., dated May 10, 2019		Hearsay			
	689.	Curriculum vitae: Ernest Goss, Ph.D.		Hearsay			
	690.	Report: Life Care Plan for Shane Loveland, by Cathlin Mitchell, RN, BSN, dated May 3, 2019		Hearsay			
	691.	Curriculum vitae: Cathlin Mitchell, RN, BSN		Hearsay			
	692.	Report: Independent Medical Exam, Alan Weintraub, M.D., with supplement dated May 8, 2019		Hearsay			
	693.	Curriculum vitae: Alan Weintraub, M.D.		Hearsay			



PLF Ex. No.	DEF Ex. No.	Description	Offer	Obj	Admit	Rcvd/ Not Rcvd	Date
	694.	Photocopies of CT Scans from Dr. Weintraub's deposition			✓		
	695.	Life Expectancy after Traumatic Brain Injury (TBI)		Hearsay			
	696.	Photographs of the home from Dr. Weintraub's deposition			✓		
	697.	Letter to Craig Lichtblau M.D. from Dennis B. Marcus of DB Marcus Construction, Inc. re: Wheelchair Accessible Home, 1/14/16		Hearsay			
	698.	Dr. Weintraub's handwritten notes		Hearsay			
	699.	Documented Telephone Conversation with Dr. Chad Murray by Craig Lichtblau M.D., 6/30/17		Hearsay			
	700.	Complaint filed in the District Court of Buffalo County, Nebraska, 04/12/2019: <i>Rysta Leona Susman, both Individually and as Natural Mother of Shane Allen Loveland, a Protected Person, Shane Allen Loveland, A Protected Person by and through his Temporary Guardian and Conservator John Sauder, and Jacob Summers v. Kearney Towing &amp; Repair Center, Inc., a Nebraska Corporation</i> , Case No. D09CI190000158		Hearsay Relevance			

Goodyear reserves the right to use as an Exhibit any reference identified by its experts in the course of discovery, which may not have been specifically referenced herein.

PLF Ex. No.	DEF Ex. No.	Description	Offer	Obj	Admit	Rcvd/ Not Rcvd	Date
	701.	Buser Exhibit 2: Fixed Asset Item for 2005 Chevy Pickup			✓		
	702.	Buser Exhibit 4: Dandee Construction Employee Manual and Safety Policy		Hearsay			
	703.	Fedderson Exhibit 1: Kearney Invoice 91571 (GY-KTR 0024)		Hearsay			
	704.	Fedderson Exhibit 2: Kearney Invoice 92265 (GY-KTR 0025)		Hearsay			
	705.	Fedderson Exhibit 3: Handwritten DOT code		Hearsay			
	706.	Gilbert Exhibit 2: Gilbert Testimony List		Hearsay			
	707.	Gilbert Exhibit 5: Scene Diagram			✓		

PLF Ex. No.	DEF Ex. No.	Description	Offer	Obj	Admit	Rcvd/ Not Rcvd	Date
	708.	Gilbert Exhibit 6: Accident Calculations			✓		
	709.	Gilbert Exhibit 7: Case Sheet and Notes Vehicle Inspection			✓		
	710.	Gilbert Exhibit 8: Handwritten Notes of Scene Inspection			✓		
	711.	Lichtblau Exhibit A: Invoice and updated CV			✓		
	712.	Lichtblau Exhibit B: Trials and Depositions lists			✓		
	713.	Pettingill: Invoice for his deposition in this matter			✓		
	714.	Pettingill: Deposition Testimony list			✓		
	715.	Pettingill: Trial Testimony list			✓		
	716.	Southern Exhibit 4: Vehicle Placard photograph			✓		
	717.	Southwell Exhibit 1: Handwritten notes by David Southwell in preparation for deposition			✓		
	718.	Southwell Exhibit 2: Images attached to David Southwell's report, photographs and X-rays			✓		
	719.	Southwell Exhibit 3: Diagram of tire drawn by David Southwell			✓		
	720.	Southwell Exhibit 4: Photographs (dandee RF comp_: 90, 0, 135, 45, 270, 180, 315, 225)			✓		
	721.	Southwell Exhibit 5: Photographs of left rear tire (dandee LR comp_: 90, 0, 135, 45, 270, 180, 315, 225)			✓		
	722.	Southwell Exhibit 6: Photographs of left front tire (dandee LF comp_: 90, 0, 135, 45, 270, 180, 315, 225)			✓		
	723.	Southwell Exhibit 7: Southwell C.V.			✓		
	724.	Southwell Exhibit 8: Case List			✓		

Subject to the rulings on motions in *limine* and objections to exhibits, The Goodyear Tire & Rubber Company reserves the right to introduce into evidence the following exhibits:

PLF Ex. No.	DEF Ex. No.	Description	Offer	Obj	Admit	Rcvd/ Not Rcvd	Date
	725.	NHTSA file regarding Investigation PE00-046, non-confidential (GY_Susman_00001 to 01374)			✓		

PLF Ex. No.	DEF Ex. No.	Description	Offer	Obj	Admit	Rcvd/ Not Rcvd	Date
	726.	NHTSA file regarding Investigation PE00-046, confidential (GY_Susman_01375 to 06325; GY_Susman_20845 to 25871)			✓		
	727.	Product Service Bulletins (GY_Susman_06326 to 06331; GY_Susman_20832 to 20837)		Hearsay			
	728.	Technical tests and studies conducted by Goodyear during the Subject Tire Frame regarding Tire Service Life (GY_Susman_20778 to 20831)		Hearsay			
	729.	Adjustment data for the Subject Tire during the Subject Tire Scope (GY_Susman_20838 to 20844)			✓		
	730.	LT235-85R16 LRE Claims Were DOT Serial Indicated Probable Prodn 1992-1998 (GY_Susman_36695 to 36844)		Hearsay			
	731.	LT235-85R16 LRE Claims Were DOT Serial Indicated Possible Prodn 1992-1998 (GY_Susman_36845 to 36864)		Hearsay			
	732.	Claims_NHTSA sizes other than LT235-84R16 (GY_Susman_36865 to 37021)		Hearsay			
	733.	2.5.03 Deposition of William Gaudet , and related exhibits produced in discovery, in <i>Dow</i> (GY_Susman_33309 to 33698)		Hearsay			
	734.	2.27.13 Deposition of Eric Mizner, and related exhibits produced in discovery, in <i>Ochoa-Garcia</i> (GY_Susman_30664 to 30697)		Hearsay			
	735.	12.6.02 Deposition of Dennis O'Connor, and related exhibits produced in discovery, in <i>Boerm</i> (GY_Susman_30494 to 30663)		Hearsay			
	736.	2.6.03 Deposition of Dennis O'Connor, and related exhibits produced in discovery, in <i>Dow</i> (GY_Susman_33805 to 34004)		Hearsay			
	737.	1.26.05 Deposition of Richard Olsen, and related exhibits produced in discovery, in <i>Hebert</i> (GY_Susman_29968 to 30170; GY_Susman_30445 to 30450)		Hearsay			
	738.	2.27.03 Deposition of Terrence Parsons, and related exhibits produced in discovery, in <i>Garcia</i> (GY_Susman_34387 to 34548)		Hearsay			
	739.	1.27.05 Deposition of Beale Robinson, and related exhibits produced in discovery, in <i>Hebert</i> (GY_Susman_29011 to 29060 and GY_Susman_29188 to 29318)		Hearsay			

PLF Ex. No.	DEF Ex. No.	Description	Offer	Obj	Admit	Rcvd/ Not Rcvd	Date
	740.	4.12.06 Deposition of Beale Robinson (V1), and related exhibits produced in discovery, in <i>Ruiz</i> (GY_Susman_34887 to 36299)		Hearsay			
	741.	2.7.03 Deposition of Antonio Settimio, and related exhibits produced in discovery, in <i>Dow</i> (GY_Susman_34156 to 34308)		Hearsay			
	742.	2.6.03 Deposition of Charles Sinclair, and related exhibits produced in discovery, in <i>Dow</i> (GY_Susman_34005 to 34083)		Hearsay			
	743.	2.5.03 Deposition of Gary Tatum, and related exhibits produced in discovery, in <i>Dow</i> (GY_Susman_33699 to 33804)		Hearsay			
	744.	2.28.03 Deposition of Keith Trares, videotape, and related exhibits produced in discovery, in <i>Garcia</i> (GY_Susman_34549 to 34886; GY_Susman_36513)		Hearsay			
	745.	1.16.03 Deposition of Richard Olsen, and related exhibits produced in discovery, in <i>Dow</i> (GY_Susman_33230 to 33308)		Hearsay			
	746.	1.23.02 Deposition of Ernest C. Kessell, and related exhibits produced in discovery, in <i>Garcia</i> (GY_Susman_07595 to 07695; GY_Susman_26270-26278)		Hearsay			
	747.	1.25.05 Deposition of Joseph Zekoski, and related exhibits produced in discovery, in <i>Hebert</i> (GY_Susman_30451 to 30493)		Hearsay			
	748.	1.4.02 Deposition of Joseph Zekoski, videotape, and related exhibits produced in discovery, in <i>Boerm</i> (GY_Susman_14616 to 14683; GY_Susman_36518; GY_Susman_28015 to 28017)		Hearsay			
	749.	1.4.02 Deposition of Richard Olsen, videotape, and related exhibits produced in discovery, in <i>Boerm</i> (GY_Susman_08365 to 08533; GY_Susman_36500)		Hearsay			
	750.	10.17.01 Deposition of Joseph Zekoski, videotape, and related exhibits produced in discovery, in <i>Ebanks</i> (GY_Susman_10540 to 10738; GY_Susman_36519; GY_Susman_30700)		Hearsay			
	751.	10.18.01 Deposition of Richard Olsen, videotape, and related exhibits produced in discovery, in <i>Ebanks</i> (GY_Susman_08212 to 08364; GY_Susman_36501; GY_Susman_30701)		Hearsay			
	752.	10.18.02 Deposition of Bertram Bell, and related exhibits produced in discovery, in <i>Arredondo</i>		Hearsay			

PLF Ex. No.	DEF Ex. No.	Description	Offer	Obj	Admit	Rcvd/ Not Rcvd	Date
		GY_Susman_06332 to 06423)					
	753.	10.18.02 Deposition of Charles Sinclair, and related exhibits produced in discovery, in <i>Arredondo</i> (GY_Susman_12505 to 12547)		Hearsay			
	754.	10.30.02 Deposition of Chester Patterson, and related exhibits produced in discovery, <i>Linzer</i> (GY_Susman_11752 to 11944)		Hearsay			
	755.	10.31.02 Deposition of Michael Trout, and related exhibits produced in discovery, in <i>Linzer</i> and <i>Dow</i> (GY_Susman_19196 to 19441)		Hearsay			
	756.	11.1.02 Deposition of Keith Trares, and related exhibits produced in discovery, in <i>Linzer</i> and <i>Dow</i> (GY_Susman_18954 to 19195)		Hearsay			
	757.	12.3.01 Deposition of Daniel E. Hammontree, and related exhibits produced in discovery, in <i>Garcia</i> (GY_Susman_15209 to 15535; GY_Susman_25872 to 25963; GY_Susman_26781 to 26843; GY_Susman_26846 to 26898; GY_Susman_26967 to 26970; GY_Susman_30702 to 30839)		Hearsay			
	758.	12.4.01 Deposition of Beale Robinson (V1), videotape, and related exhibits produced in discovery, in <i>Garcia</i> (GY_Susman_15536 to 15791; GY_Susman_36508)		Hearsay			
	759.	12.4.01 Deposition of Dane E. Taylor, and related exhibits produced in discovery, in <i>Garcia</i> (GY_Susman_18772 to 18857)		Hearsay			
	760.	12.5.01 Deposition of Beale Robinson (V2), videotape, and related exhibits produced in discovery, in <i>Garcia</i> (GY_Susman_15017 to 15208; GY_Susman_36509)		Hearsay			
	761.	12.8.98 Deposition of Joseph Zekoski, and related exhibits produced in discovery, in <i>Mathews</i> (GY_Susman_20054 to 20272)		Hearsay			
	762.	12.9.98 Deposition of Richard Olsen, and related exhibits produced in discovery, in <i>Mathews</i> (GY_Susman_17191 to 17467)		Hearsay			
	763.	2.11.02 Deposition of Daniel E. Hammontree, and related exhibits produced in discovery, in <i>Boerm</i> (GY_Susman_18150 to 18275)		Hearsay			
	764.	2.12.02 Deposition of Beale Robinson, videotape, and related exhibits produced in discovery, in <i>Boerm</i> (GY_Susman_15903 to 16013; GY_Susman_36504)		Hearsay			

PLF Ex. No.	DEF Ex. No.	Description	Offer	Obj	Admit	Rcvd/ Not Rcvd	Date
	765.	2.13.03 Deposition of Beale Robinson, and related exhibits produced in discovery, in <i>Dow</i> (GY_Susman_34342 to 34386)		Hearsay			
	766.	2.6.02 Deposition of Charles Winebrenner, and related exhibits produced in discovery, in <i>Garcia</i> and <i>Ebanks</i> (GY_Susman_19442 to 19615; GY_Susman_27015 to 27441; GY_Susman_30840 to 31116)		Hearsay			
	767.	2.7.03 Deposition of Douglas Julian, and related exhibits produced in discovery, in <i>Dow</i> (GY_Susman_34084 to 34155)		Hearsay			
	768.	2.7.03 Deposition of Thomas Watkins, and related exhibits produced in discovery, in <i>Dow</i> (GY_Susman_34309 to 34341)		Hearsay			
	769.	2.8.02 Deposition of Beale Robinson, videotape, and related exhibits produced in discovery, in <i>Ebanks</i> (GY_Susman_09416 to 09622; GY_Susman_36505; GY_Susman_26899 to 26933)		Hearsay			
	770.	2.8.02 Deposition of Chester Patterson, and related exhibits produced in discovery, in <i>Ebanks</i> (GY_Susman_15792 to 15902)		Hearsay			
	771.	5.30.01 Deposition of Daniel E. Hammontree, and related exhibits produced in discovery, in <i>Ebanks</i> (GY_Susman_16691 to 16768; GY_Susman_31128 to 31135)		Hearsay			
	772.	5.30.01 Deposition of Ernest C. Kessell, and related exhibits produced in discovery, in <i>Ebanks</i> (GY_Susman_07489 to 07594; GY_Susman_31117 to 31127)		Hearsay			
	773.	6.11.02 Deposition of Beale Robinson, videotape, and related exhibits produced in discovery, in <i>Arredondo</i> (GY_Susman_14141 to 14523; GY_Susman_36502)		Hearsay			
	774.	6.12.02 Deposition of Daniel Hammontree, and related exhibits produced in discovery, in <i>Arredondo</i> (GY_Susman_16547 to 16690)		Hearsay			
	775.	6.7.02 Deposition of Charles Winebrenner in <i>Arredondo</i> and <i>Boerm</i> (GY_Susman_14684 to 15003; GY_Susman_27637 to 27641; GY_Susman_31136 to 31165)		Hearsay			
	776.	7.11.02 Deposition of Dennis O'Connor, and related exhibits produced in discovery, in <i>Arredondo</i> (GY_Susman_17111 to 17190)		Hearsay			
	777.	7.11.02 Deposition of Mark Grund, videotape, and related exhibits produced in discovery, in <i>Arredondo</i>		Hearsay			

PLF Ex. No.	DEF Ex. No.	Description	Offer	Obj	Admit	Rcvd/ Not Rcvd	Date
		(GY_Susman_16336 to 16546; GY_Susman_36494)					
	778.	7.16.02 Deposition of Joseph Zekoski (V1), videotape, and related exhibits produced in discovery, in <i>Aufiero, Linzer, Dow, and Arredondo</i> (GY_Susman_19839 to 20053; GY_Susman_36517; GY_Susman_28114 to 28154; GY_Susman_28158 to 28227)		Hearsay			
	779.	7.17.02 Deposition of Joseph Zekoski (V2), videotape, and related exhibits produced in discovery, in <i>Aufiero, Linzer, Dow, and Arredondo</i> (GY_Susman_19785 to 19838; GY_Susman_36516)		Hearsay			
	780.	7.17.02 Deposition of Richard Olsen, videotape, and related exhibits produced in discovery, in <i>Aufiero, Arredondo</i> (GY_Susman_17643 to 17806; GY_Susman_36499; GY_Susman_28228 to 28313)		Hearsay			
	781.	7.18.02 Deposition of Beale Robinson, videotape, and related exhibits produced in discovery, in <i>Arredondo, Dow, Aufiero</i> (GY_Susman_18276 to 18398; GY_Susman_36503; GY_Susman_28314 to 28328)		Hearsay			
	782.	7.20.99 Deposition of Chester Patterson, and related exhibits produced in discovery, in <i>Han</i> (GY_Susman_08635 to 08725; GY_Susman_26401 to 26431)		Hearsay			
	783.	7.20.99 Deposition of Ernest C. Kessell, and related exhibits produced in discovery, in <i>Han</i> (GY_Susman_07043-07098; GY_Susman_25972 to 25990)		Hearsay			
	784.	8.17.01 Deposition of Ernest C. Kessell in <i>Garcia</i> (GY_Susman_07099 to 07488; GY_Susman_25991 to 26258)		Hearsay			
	785.	8.3.00 Deposition of Beale Robinson (V1), videotape, and related exhibits produced in discovery, in <i>Frankl</i> (GY_Susman_18399 to 18545; GY_Susman_36506)		Hearsay			
	786.	8.3.00 Deposition of Madelon Kominic, videotape, and related exhibits produced in discovery, in <i>Frankl</i> (GY_Susman_16811 to 16933; GY_Susman_36496, GY_Susman_26279 to 26326; GY_Susman_26844 to 26845; GY_Susman_31166 to 31196)		Hearsay			
	787.	8.4.00 Deposition of Beale Robinson (V2), videotape, and related exhibits produced in discovery, in <i>Frankl</i> (GY_Susman_18546 to 18747; GY_Susman_36507; GY_Susman_31197 to 31543)		Hearsay			
	788.	9.13.02 Deposition of Joseph Zekoski, and related exhibits produced in discovery, in <i>Corwin</i>		Hearsay			

PLF Ex. No.	DEF Ex. No.	Description	Offer	Obj	Admit	Rcvd/ Not Rcvd	Date
		(GY_Susman_20502 to 20771; GY_Susman_31544 to 31906)					
	789.	9.19.00 Deposition of Edward Terrill, and related exhibits produced in discovery, in <i>Frankl</i> (GY_Susman_18858 to 18953; GY_Susman_26971 to 27014)		Hearsay			
	790.	9.19.00 Deposition of James Nespo, and related exhibits produced in discovery, in <i>Frankl</i> (GY_Susman_16934 to 17110; GY_Susman_26327 to 26334)		Hearsay			
	791.	9.19.02 Deposition of George Edwards, and related exhibits produced in discovery, in <i>Arredondo</i> and <i>Boerm</i> (GY_Susman_16171 to 16335)		Hearsay			
	792.	9.19.02 Deposition of Iwao Uenoyama, and related exhibits produced in discovery, in <i>Arredondo</i> and <i>Boerm</i> (GY_Susman_16769 to 16810)		Hearsay			
	793.	9.19.02 Deposition of Ray Young (V1), videotape, and related exhibits produced in discovery, in <i>Arredondo</i> and <i>Boerm</i> (GY_Susman_19616 to 19709; GY_Susman_36515)		Hearsay			
	794.	9.20.00 Deposition of Jon P. Dupont, and related exhibits produced in discovery, in <i>Frankl</i> (GY_Susman_16121 to 16170)		Hearsay			
	795.	9.20.02 Deposition of Ray Young (V2 & V3), videotape, and related exhibits produced in discovery, in <i>Arredondo</i> and <i>Boerm</i> (GY_Susman_19710 to 19748; GY_Susman_36515; GY_Susman_31907 to 33229)		Hearsay			
	796.	9.20.02 Deposition of Richard Olsen (V2), videotape, and related exhibits produced in discovery, in <i>Arredondo</i> (GY_Susman_15004 to 15016; GY_Susman_36498)		Hearsay			
	797.	2.4.03 Videotaped deposition of Robert Altvater in <i>Baerbel</i> , <i>Wundersee</i> (GY_Susman_36493)		Hearsay			
	798.	10.17.02 Videotaped deposition of Yutaka Ito in <i>Arredondo</i> (GY_Susman_36495)		Hearsay			
	799.	1.9.03 Videotaped deposition of James Stroble in <i>Wundersee</i> (GY_Susman_36511)		Hearsay			



Goodyear reserves the right to introduce into evidence any Exhibit identified by Plaintiffs. Goodyear reserves the right to amend this list to and including entry of the Final Pre-trial Order or other deadline established by the Court.

OBJECTIONS:

R: Relevancy  
H: Hearsay  
A: Authenticity  
O: Other (specify)

GREENSFELDER, HEMKER & GALE, P.C.

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[jrodriguez@greensfelder.com](mailto:jrodriguez@greensfelder.com)

AND

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*Attorneys for The Goodyear Tire & Rubber Company*

### **CERTIFICATE OF SERVICE**

The undersigned hereby certifies that on the 5<sup>th</sup> day of February, 2020, the foregoing was filed electronically with the Clerk of Court, to be served by operation of the Court's electronic filing system upon all counsel of record as follows:

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*Attorneys for Plaintiffs*

/s/ Edward S. Bott, Jr.

## ***Curriculum Vitae – David Roy Southwell***

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Date of birth - October 11, 1962

Address - 27 Netherby Avenue  
Netherby, South Australia 5062

### **Education**

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Other - “Firestone University” – Akron, Ohio, USA, 1997 (Graduate)

- Tire design factors
- Compounding
- Construction
- Field Engineering
- Analysis of operating conditions
- Performance measurement and analysis

Stahlgruber Foundation Tire Inspection, Repair & Retreading training, 2003

- Damage and failure modes
- Repair limits
- Repair techniques
- Repair failure analysis

Tertiary - Master of Engineering  
University of South Australia

Bachelor of Management  
University of South Australia

Trade certificate in Automotive Mechanics  
O’Halloran Hill TAFE

Secondary - Matriculation  
Prince Alfred College, 1979

### **Memberships and Associations**

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Member, Society of Automotive Engineers

The Tire Society

American Chemical Society, Rubber Division

## Employment History

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- Feb 2005 -** **Independent tire industry consultant and failure analyst**  
[www.tyrexperits.com.au](http://www.tyrexperits.com.au)
- July 2004 – February 2005** **South Pacific Tires**  
**(Manufacturer of Goodyear, Dunlop and related brands for Australasian and export markets)**  
New Product Manager
- Responsibility for new product design and development processes
  - Managing indoor and outdoor tire test activities
  - Recommending and implementing construction and compound specifications to ensure appropriate performance levels
  - Surveying market conditions to determine suitability of specifications
  - Co-ordinating market trials of new products
  - Ensuring product compliance with all necessary legislative requirements
- January 2001 – June 2004** **Bridgestone Corporation of Japan**  
Technical Manager, Bridgestone/Firestone Training & Communication Centre, Bangkok, Thailand.
- Establishment of formal in-service tire inspection procedures for all product groups (Passenger and light truck, Truck & Bus, Industrial, bias ply and radial ply designs)
  - Training of technical service staff from Asia/Oceania, Middle East and African offices:
    - tire design, development and production processes
    - production quality systems
    - tire materials - origin, properties and appropriate uses
    - inspection techniques to determine failure mode & causes
    - assessment of tire designs for market suitability
    - impact of service conditions on performance and durability
    - dynamic behaviour of tires – interaction with vehicle/road
    - international regulations, design standards & test methods
    - tire performance monitoring and measurement
    - tire economics
    - software development – fleet tire monitoring
    - all aspects of field technical service work
- May 1999 to October 2000** **Dealer Principal (Self employed)**
- Director and Dealer Principal of The Tireman, a retail tire and automotive mechanical services outlet in Adelaide.
  - conduct of a consultancy for transport operators, tire dealers, importers & wholesalers in the areas of fleet tire management, product quality and related matters.

**January 1992 to  
May 1999**

**Bridgestone Australia Ltd.**

National Technical Field Service Manager

Wide ranging technical management responsibilities across all tire product groups, the major ones being listed below:

- make technical representations to major end users, original equipment manufacturers, distributors and dealers
- development and implementation of formal technical procedures and techniques for use by technical service staff
- prepare and present product and industry information to the media and other concerned bodies
- production and distribution of technical material
- technical training at all levels in the distribution channel
- responsibility for the technical elements of 6 tire retread plants

*Product Development*

- plan and manage new product development programmes
- preparing compound and construction specifications for new and revised products
- recommend and implement changes to product design and specification
- test track evaluation of handling, noise, ride and other dynamic tire response characteristics
- design and conduct extensive field trials to assess/confirm suitability of new products and/or specification changes
- ongoing inspection and analysis of failed and damaged tires to ascertain mode and cause of failure; determine and implement countermeasures where appropriate

*Other*

- design and administration of the national warranty system
- direct the design and implementation of fleet tire management software
- responsibility for product and public liability claims
- fulfil the position of Director of the Tire and Rim Association of Australia, the organisation that formulates and publishes engineering standards for the design, manufacture and fitment of automotive wheels and tires
- serve as Chairman of the Technical Committee of the Australian Tire Manufacturers Association. ATMA's task is to represent the industry to Government, public and other relevant bodies.

**January 1989 to  
December 1991**

**Bridgestone Australia Ltd.**

State Technical Service Manager – SA/NT

- responsibility for all Bridgestone tire technical matters within SA/NT
- Inspect tires submitted for warranty, product and/or public liability claim to determine mode and cause of failure
- prepare and make technical representations to commercial vehicle fleets, dealers, wholesalers, government bodies and other parties
- administration of new product design and development programmes

**January 1987 to  
December 1988**

**Bridgestone Australia Ltd.**

OE Engineering and Product Co-ordinator

- responsibility for development of new and improved products for sale to vehicle and machinery manufacturers
- new product performance testing/evaluation, and liaising with design staff concerning product specifications and changes thereto
- investigation and resolution of production and field quality issues across all product groups

**October 1985 to  
December 1986**

**Ford Motor Company of Australia Ltd.**

Field Manager

- responsibility for the parts and service activities of 24 Ford dealers. This encompassed service technical support and staff training, investigating & reporting on product failures and similar activities.

**February 1984 to  
October 1985**

**Mitsubishi Motors Australia Ltd.**

Vehicle Development Technical Officer

- this position involved Australian Design Rule certification, test track driving to assess vehicle dynamic response characteristics, durability test driving to evaluate vehicle and component durability, technical report compilation, new model road tests and subsequent market suitability evaluation, vendor liaison, and dealer field problem investigation/resolution.

**Jan 1980 –  
Dec 1983**

**Mitsubishi Motors Australia Ltd.**

Automotive Apprenticeship

an intensive four year Company training course involving rotation throughout all of the Company's operations, from fitting & machining to manufacturing, warranty, industrial engineering, engine development, service communication and vehicle development.

**Extracurricular**

Designer/builder of Clubman sports car for motorsport competition  
Motorsport competitor (rally, hillclimb and circuit sprints) since 1983.

**Micky Gilbert, P.E.**  
***Gilbert Engineering LLC***  
16254 W 77<sup>th</sup> Lane  
Arvada CO 80007

**Education**

Bachelor of Science degree in Mechanical Engineering, Colorado State University, 1993  
Worked with Professional Engineers and Accident Reconstructionists since 1993, studying vehicle and accident dynamics

**Employment**

Race Car Mechanic at Skip Barber Racing, 1991-1994  
Mechanical Engineer, James L. Gilbert and Associates, 1993–1997  
Mechanical Engineer, Gilbert Engineering LLC, 1998-present  
Associate Engineering Consultant, Professional Investigative Engineers, 2001~2012

**Professional Experience**

- **Reconstruction/Analysis of Accidents**
- **Vehicle Dynamics Testing of Race Cars and Passenger Cars**
- **Automotive Computer Analysis and Simulation**
- **Analysis of Auto Manufacturer Documents and Tests**
- **Design Analysis of Vehicle Structures and Systems**
- **Patent Design Work of Anti-Rollover Device and Rollover Steering System**
- **Car-to-Car Crash Testing**
- **Testing and Design of Modified Passenger Vehicles**
- **Teaching courses on accident reconstruction and vehicle dynamics to Police Officers, Engineers, Insurance Adjusters and Attorneys**
- **Design and rollover crash testing of automated SUV systems (with and without tread separation)**

**Related Vehicle Dynamics/Auto Racing Experience**

1991-1996	Skip Barber Formula 2000 and Race Karts
1996	National Champion, Skip Barber Formula 2000 Midwest series
1997	2 <sup>nd</sup> place, Superkarts 250cc National Championship
1997-present	BMW School Instructor, Teen Survival Instructor
1999-2000	Test Driver for Hoosier Racing Tires
1999-2000	Chief driving instructor of Pro-One Motorsports academy
1999	SCCA National Champion – Formula Mazda, Central Division
2000	Third consecutive podium – SCCA Valvoline Runoffs – Formula Mazda
2005	Star Mazda Pro Series – Expert Champion
2006	Obtained Indy Racing League license and drove in first Indy Pro race
2007-2008	Firestone Indy Lights Series driver

**Professional Affiliations**

Colorado Professional Engineer, Registration No. 35682  
Accreditation Commission for Traffic Accident Recon. (ACTAR), Reg. No. 1240 (2001-2006)  
Society of Automotive Engineers (SAE)  
Society of Accident Reconstructionists (SOAR)  
American Society for Testing and Materials (ASTM)  
American Society of Mechanical Engineers (ASME)  
Accident Reconstruction Communications Network (ARC Network) – No. ARC0827  
National Association of Professional Accident Reconstruction Specialists (NAPARS) – No. 26114  
Canadian Association of Road Safety Professionals (CARSP)

## **Publications/Patents**

- Micky Gilbert, Jim Gilbert, "Engineering Principles in Vehicle Rollover Litigation" in Crashworthiness Litigation, published by West Group, 1998
- Micky Gilbert, "Analysis of Toyota LAR Testing", NHTSA Docket 2000-8298, No. 4
- "Method and Apparatus for Reducing Vehicle Rollover", Micky Gilbert, United States Patent Number 6,170,594, January 9, 2001
- Micky Gilbert, "Prevention of On-Road, Untripped Rollover by use of an Anti-Rollover Device", 2000-01-2666, presented to Society of Automotive Engineers, IBEC Conference, 10/00
- Micky Gilbert, "Reconstruction of SUV Untripped Rollovers", The Investigative Engineer, 7/02
- Micky Gilbert, Michael Kaplan, David Bilek, Steve Kaplan, David Vellos, "An Examination of Rim Gouging and Its Relation to On-Road Vehicle Rollover", The SOARce, Spring 2004
- Micky Gilbert, "Effects of Tire Shoulder Wear on Vehicle Rollover Limit Testing", SAE #2003-01-2865, JSAE #20037145, presented in Tokyo, Japan on 10/28/03
- Gilbert Engineering, LLC comments to Rollover Docket NHTSA-2001-9663-79
- "Rotation Limiter", Micky Gilbert, John Olmstead, United States Patent Number 7,134,357, November 14, 2006
- Micky G. Gilbert, John Olmstead, Erich Woessner, Tom Mueller, "Effect of Yaw Control on SUV Rollover", The SOARce, Autumn 2004
- Renfro, D., Roberts, A., Gilbert, M., "Vehicle Rollover Maximum Limits", International Journal of Vehicle Design, 2004
- Micky G. Gilbert, John Olmstead, Erich Woessner, Tom Mueller, "Wet Pavement Handling Tests", The SOARce, Autumn 2005
- Micky G. Gilbert, John Olmstead, Erich Woessner, Tom Mueller, "Rollover Testing: Analysis of Steer Input Timing", SAE Paper Number 2006-01-0801 – presented at 2006 SAE World Congress (4/6/06)
- Gilbert Engineering LLC, "1991 Ford Explorer XLT 4x2: Automated Untripped Rollover Test", ARC-CSI Crash Conference 2006 also Published in Summer 2006 SOARce, also Presented at International Traffic Medicine Association conference Melbourne, Australia 10/17/06
- Gilbert Engineering LLC, Rollover Crash Test of 1997 Toyota 4Runner SR5 4x2, ARC-CSI Crash Conference 2006
- Micky Gilbert, Tom Mueller, "2001 Ford E-350 XLT Super Duty Vehicle Dynamic Performance Testing" The SOARce, Winter 2007
- Wilson, L.A., Gilbert, M., Godrick, D., "Reconstruction and Analysis of Steering-induced, On-road, Untripped SUV Rollover Tests" Collision, Spring 2007
- Wilson, L.A., Gilbert, M., Godrick, D., "Reconstruction and Analysis of Steering-induced, On-road, Untripped SUV Rollover Tests (Part 2)" Collision, Winter 2007
- Micky Gilbert, P.E. and Daniel A. Godrick, "Vehicle Dynamic Performance Testing 2002 Volvo S80 T6," The SOARce, Winter 2008
- Michael Gilbert, Daniel Godrick, Richard Klein, "The Effect of Longitudinal Center of Gravity Position On the Sway Stability of a Small Cargo Trailer", IMECE2008-66022 – presented at 2008 ASME International Mechanical Engineering Congress and Exposition
- M. Gilbert, D. Yanda, T. Mueller, "Dynamic testing of an SUV with Tire Tread Separation", Canadian Multidisciplinary Road Safety Conference XIX – presented in Saskatoon, Saskatchewan at CMRSC, CCMSR Conference 6/8/09
- S. Andrews, M. Partain, D. Renfro, M. Gilbert, "A Comparison of Computer Modeling to Actual Data and Video of a Staged Rollover Collision", 21<sup>st</sup> International Technical Conference on the Enhanced Safety of Vehicles 6/09
- M. Gilbert, B. Stolz, "Pre-Rollover Vehicle Dynamics of SUVs in Untripped Rollover Tests", 20<sup>th</sup> Canadian Multidisciplinary Road Safety Conference, June 2010
- M. Gilbert, T. Mueller, J. Nirvelli, "The Effect of Tread-Separation on Vehicle Controllability", Hazard Information Foundation, Inc (HIFI) Tire Tech Conference, 8/10
- M. Gilbert, T. Mueller, J. Nirvelli, "Forensic Interpretation of Driver Countersteer", 22nd Canadian Multidisciplinary Road Safety Conference, Banff, Alberta, June 10-13, 2012
- Desmoulin GT, Rabinoff, Stolz B and Gilbert M, "A Biomechanical Method for Reconstruction of Tumbling Trampoline-Associated Cervical Spine Injuries Using Human and Anthropometric Test Dummy Data, Journal of Forensic Biomechanic, Volume 5 • Issue 1 • 101, April 2014
- M. Gilbert, B. Stolz "Effect of Oversized Wheels and Tires on SUV Roll Stability", 24th Canadian Multidisciplinary Road Safety Conference, Vancouver, Canada June 2-4, 2014
- M. Gilbert, G. Hoffman "Tow Dolly Handling & Stability", The SOARce, Winter 2018



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# **CRAIG H. LICHTBLAU, M.D., P.A.**

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PHYSICAL MEDICINE AND REHABILITATION  
BOARD CERTIFIED

PEDIATRIC • ADOLESCENT • ADULT • GERIATRIC

550 Northlake Boulevard  
North Palm Beach, Florida 33408-5409  
Phone: (561) 842-3694  
Facsimile: (561) 842-3774

Outpatient Physical Medicine  
Inpatient Rehabilitation  
Medical Functional Capacity Exams  
Nationwide Catastrophic Evaluations

## **CURRICULUM VITAE**

### **Employment**

#### **From September, 1989 to Present**

##### **Private Practice Limited to Physical Medicine and Rehabilitation:**

- Disability Evaluations
- Chronic Pain Management
- Acute Inpatient Hospital Rehabilitation
- In-hospital Rehabilitation Consultations
- Medical Functional Capacity Assessments
- Subacute / Transitional Living Rehabilitation
- Outpatient Physical Medicine and Rehabilitation
- Electromyography and Nerve Conduction Studies
- Defining impairment, disability and cost for future medical care

##### **March 1990 to April 2006:**

##### **Medical Director St. Mary's Hospital Inpatient Rehabilitation Unit**

- Trauma Consultations
- Hospital Consultations
- Pediatric Consultations
- Inpatient Rehabilitation Unit Admissions
- St. Mary's Medical Center / Trauma Center
- West Palm Beach, Florida

**March 1990 to April 2006:**

**6,223 St. Mary's Hospital Inpatient Rehabilitation Unit Admissions**

**January 2007 to Present:**

Trauma Consultations Hospital  
Consultations Pediatric Consultations Inpatient Rehabilitation Unit Admissions  
St. Mary's Medical Center/Trauma Center  
West Palm Beach, Florida

**April 5, 2010 to Present:**

Founding Medical Director For Life  
St. Mary's Medical Center Inpatient Rehabilitation Unit

**May 28, 2014 to Present:**

Medical Director, Inpatient Pediatric Rehabilitation Unit,  
St. Mary's Medical Center

Assistant Medical Director, Inpatient Adult Rehabilitation Unit,  
St. Mary's Medical Center

**November 1, 2002 to Present:**

**Medical Director**

Physical Medicine and Rehabilitation  
Florida Institute for Neurologic Rehabilitation  
Wauchula, Florida

34 pediatric beds, 1142 adult beds = 176 transitional living facility beds,  
specializing in neurological impairments (traumatic brain and spinal cord  
injury), pediatric ages 4-17, adult age 18 and above

**Hospital Affiliations**

St. Mary's Medical Center  
901 45th Street  
West Palm Beach, Florida 33407  
Medical Staff: Admitting/Consulting Privileges

Good Samaritan Medical Center  
1300 North Flagler Drive  
West Palm Beach, Florida 33401  
Medical Staff: Consulting Privileges

Palm Beach Gardens Medical Center  
3360 Burns Road  
Palm Beach Gardens, Florida 33410  
Medical Staff: Admitting/Consulting Privileges

Jupiter Hospital  
1210 South Old Dixie Highway  
Jupiter, Florida 33458  
Medical Staff: Consulting Privileges

Delray Medical Center 5360  
Linton Boulevard Delray  
Beach, Florida 33484  
Medical Staff: Consulting Privileges

**Surgical Privileges**

Jupiter Outpatient Surgery Center  
2055 Military Trail  
Jupiter, Florida 33458  
June 25, 2012 to Present

St. Mary's Medical Center  
901 45<sup>th</sup> Street  
West Palm Beach, Florida 33407  
September 22, 2014 to Present

**State of Florida - Children's Medical Services**  
**September 1989 to Present:**

Department of Health and Rehabilitative Services  
District Number 9 and 15 (Palm Beach, Martin, St. Lucie, Indian River  
and Okeechobee Counties)  
Medical Consultant/Physical Medicine and Rehabilitation for Physical  
Medicine and Rehabilitation Clinic

The primary focus of Children's Medical Services is to provide a family centered, coordinated, managed system of care for children with special health care needs and to provide essential preventative evaluative and early interventional services for children that are medically and financially eligible.

**Public Service: National**  
**September 1992 to Present:**

National Institute on Disability and Rehabilitation Research  
Office of Special Education and Rehabilitative Services  
United States Department of Education  
Washington, D.C. 20202

**Public Service: State of Florida**

Certified Expert Medical Advisor  
State of Florida  
Agency of Health Care Administration  
Workers' Compensation Medical Services Unit  
1999 - Present

Special Expert Witness  
State of Florida  
Agency for Healthcare Administration  
(April 1992 to 1996)

State of Florida Department of Labor and Employment Security Division of Vocational Rehabilitation  
Member Head Injury Facility Review Committee  
(January 1991 to July 1994)

State of Florida Department of Labor and Employment Security Division of Vocational Rehabilitation  
Pediatric Site Reviewer  
Head and Spinal Cord Injury Program  
(January 1991 to unknown)

State of Florida Department of Labor and Employment Security Division of Vocational Rehabilitation  
Member Brain and Spinal Cord Injury Advisory Council Pediatric Committee  
(May 1995 to 1999)

**Public Service: Palm Beach County**

Section Chief of Rehabilitation Medicine Intra Coastal Health Systems, Inc.  
St. Mary's Medical Center, Good Samaritan Medical Center  
July 1, 1996 - June 30, 1998

Physician Utilization Review (Peer Review) Committee  
Palm Beach Gardens Medical Center  
February 2007 — December 2010

Member of Medical Advisory Committee to the Health Care  
District of Palm Beach County  
Medical Consultant to Nursing Advisory Committee  
Palm Beach Community College

Physician Volunteer Health Care Provider Program  
District 9  
Department of Health and Rehabilitation Services  
State of Florida  
Member of Review Committee of Medical Specialties for  
The Palm Beach County Medical Society

Board Member / Board of Directors  
Friends of the 440 Scholarship Fund, Inc. Treasure Coast Division  
December 4, 2006 - Present

Medical Director PGA Seniors Golf Championship 1994 - 1998

**Leadership Positions Held**

- 2016 – 2018 Vice President, Florida Society of Physical Medicine and Rehabilitation
- 2014 – 2016 Present Member at Large, Florida Society of Physical Medicine and Rehabilitation
- 2005 - 2006 President, Southern Society of Physical Medicine and Rehabilitation
- 2004 - 2005 President-Elect, Southern Society of Physical Medicine and Rehabilitation
- 1995 - 1996 Treasurer, Florida Society of Physical Medicine and Rehabilitation

**Faculty Appointments**

May 2007-  
April 2011 Clinical Assistant Professor  
Department of Osteopathic Principle and Practice  
Division of Physical Medicine and Rehabilitation  
Nova Southeastern University  
College of Osteopathic Medicine

May 2011-  
April 2014 Clinical Assistant Professor  
Department of Osteopathic Principle and Practice  
Division of Physical Medicine and Rehabilitation  
Nova Southeastern University  
College of Osteopathic Medicine

May 2014 -  
April 2017 Clinical Assistant Professor  
Department of Osteopathic Principle and Practice  
Division of Physical Medicine and Rehabilitation  
Nova Southeastern University  
College of Osteopathic Medicine

**Awards**

- |          |   |
|----------|---|
| 06/21/14 | Outstanding Service Award for Extraordinary Sustained Service and Dedication to Excellence in Patient Care Within The Specialty of Physical Medicine and Rehabilitation in the State of Florida, presented by the Florida Society of Physical Medicine and Rehabilitation |
| 01/14/13 | Outstanding Service in Pediatric Rehabilitation, presented by the Florida Society of Physical Medicine and Rehabilitation   |
| 11/17/11 | Appreciation for Many Years of Extraordinary Service and Dedication to the Specialty of Physical Medicine and Rehabilitation from the Florida and Southern Societies of Physical Medicine and Rehabilitation  |
| 7/15/07  | Appreciation for Dedicated Years of Service and Commitment to Children's Medical Services, Florida Department of Health   |

**Licensure and Certification**

- |            |   |
|------------|---|
| April 2005 | Passed Re-certification Examination                     |
| May 1991   | Board Certified in Physical Medicine and Rehabilitation |
| April 1989 | Florida Medical License Number 56279                    |

**Fellowship**

10/2012 - Present      Limb Reconstruction Fellowship  
Director: Dr. Dror Paley  
The Paley Institute  
St. Mary's Medical Center  
West Palm Beach, Florida

**Publications**

2015    Stature Lengthening Using the PRECICE Intramedullary  
Lengthening Nail  
Techniques in Orthopaedics, Volume 30, Number 3, 2015,  
Pages 167 through 182  
Dror Paley, MD, FRSCS, Kevin Debiparshad, MD, FRSCS,  
Halil Balci, MD, Walter Windisch, PhD, and  
Craig Lichtblau, MD

**Education**

1989    Residency: Physical Medicine and Rehabilitation  
The Jewish Hospital of St. Louis  
Washington University Medical Center  
St. Louis, Missouri

1986    Internship: Transitional  
The Jewish Hospital of St. Louis  
Washington University Medical  
Center St. Louis, Missouri

1985    Doctor of Medicine Degree  
American University of The  
Caribbean School of Medicine  
Plymouth, Montserrat British West Indies

1978    Bachelor of Science Degree-  
Biology Florida State University  
Tallahassee, Florida



**Professional Affiliations**

Diplomat American Board of Physical Medicine & Rehabilitation  
Rochester, Minnesota

American Academy of Disability Evaluating Physicians  
2015 S. Arlington Heights Road  
Arlington Heights, Illinois 60006  
Fellow

American Academy of Physical Medicine and Rehabilitation  
P.O. Box 94466  
Chicago, Illinois 60690-4466  
Fellow

American Congress of Rehabilitation Medicine  
P. O. Box 94463  
Chicago, Illinois 60690-4463

American Association of Electrodiagnostic Medicine  
21 Second Street, S.W., Suite 103  
Rochester, Minnesota 55902  
Associate Member

American Medical Association  
515 North State  
Chicago, Illinois 60610

Florida Society of Physical Medicine & Rehabilitation  
P.O. Box 630246  
Miami, Florida 33163  
Member

Southern Society of Physical Medicine and Rehabilitation  
800 Madison Avenue  
Memphis, Tennessee 38163  
Member 2001 — 2011

Florida Medical Association, Inc.  
P.O. Box 2411  
Jacksonville, Florida 32203  
Member

Palm Beach County Medical Society 3540  
Forest Hill Boulevard  
West Palm Beach, Florida 33406-5893

Brain Injury Association for State  
of Florida  
Member

### Presentations

- September 23, 2016 Rotationplasty:  
Brown, Paley-Modified Brown, Paley  
Association for Study and Application of the Method  
of Ilizarov Bone Reconstruction  
International Limb Lengthening Reconstruction Society  
Brisbane, Australia
- April 30, 2006 Life Expectancy of the Cerebral Palsy Patient  
38<sup>th</sup> Annual Scientific Meeting  
Southern Society of Physical Medicine and Rehabilitation  
Miami, Florida
- April 2, 2005 "Physiatric Multi-Disciplinary Approach  
To Back Pain  
Handicap, Impairment, Disability  
What Does It Mean to Physicians"  
Back Pain 2005: Diagnosis and  
Treatment/Conference  
Jupiter Medical Center Education Department
- November 1990 "Communicating With Physician Concerning  
Neurologically Impaired Patients"  
Presented to the School of Nursing Palm  
Beach Junior College  
Lake Worth, Florida
- January 1988 "Management of Neurological Bowel/Bladder"  
Presented at Pediatric Orthopaedic Grand Rounds  
Shriner's Hospital For Crippled Children, St. Louis, Missouri



# BERNARD F. PETTINGILL, JR., PH.D.

## Consulting Economist

### EDUCATION

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#### **Manchester University**

*Manchester, England*

Graduate, January 1977, Ph.D. - Economics

Department of Economics and Social Administration

Dissertation: "Cost-Benefit Analysis of the Treatment of Arthritis – A Comparison of Five Hospitals"

#### **Tulane University**

*New Orleans, Louisiana*

Graduate, June 1973 – MPH – Master Public Health

Department of Health Economics and Medical Care Administration

#### **Loyola University**

*New Orleans, Louisiana*

Graduate, June 1971. MBA – Economics, June 1969

BBA – Business Administration

### ORGANIZATIONS

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- Member, American Society of Health Economists, 2008-Present
- Member, City of Palm Beach Gardens Budget Committee, 2007-2012
- Member, AAEFE, 1989-Present
- Member, American Economic Association, 1983-Present
- Member, National Association of Forensic Economists, 1989-Present
- Member, National Association of Business Economists, 1990-Present (Health Roundtable)
- Member, Health Economics Study Group, Great Britain, 1973-Present
- Member, Gideons International, 1978-Present (Past President)
- Member, Rotary International, 1983-2012
- Referee Journal of Forensic Economics (2 years)
- Licensed, State of Florida and State of Louisiana, Health and Life Insurance. No. 43972-6317 (FL)

### Contact

#### **ADDRESS:**

#93 SANDBOURNE LANE

PGA NATIONAL

PALM BEACH GARDENS, FL 33418

#### **PHONE:**

561-622-0330

561-346-7828

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#### **FAX:**

561-624-2854

#### **WEB PAGE:**

[www.bpettingill.com](http://www.bpettingill.com)

#### **EMAIL:**

[biffpett@gmail.com](mailto:biffpett@gmail.com)

## EXPERIENCE

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1985 to Present

### **FORENSIC ECONOMIST/MEDICAL & PROFESSIONAL PRACTICE**

Financial Analysis, Structured Settlement Negotiations

1988 to 1998

### **FLORIDA INSTITUTE OF TECHNOLOGY**

*Graduate Business School  
Treasure Coast Graduate Center  
Stuart, Florida.*

Professor of Economics - Taught Advanced Macroeconomics, Managerial Economics, Health Care Economics, Advanced Microeconomics (Retired)

1987 to 1988

### **PALM BEACH ATLANTIC COLLEGE**

*Rinker School of Business  
West Palm Beach, Florida*

Professor of Economics - Taught Microeconomics, Macroeconomics, Free Enterprise System and International Economics

1980 to 1987

### **UNIVERSITY OF SOUTHWESTERN LOUISIANA**

*Lafayette, Louisiana.  
College of Business Administration*

Associate Professor - Taught undergraduate and graduate courses in Economics, Finance and Management

1978 to 1980

### **LSU MEDICAL CENTER**

*New Orleans, Louisiana  
Department of Medicine*

Associate Professor and Administrative Assistant - Principal duties at Medical School included lectures in Medical Economics, grant writing, and computer-assisted data analysis for drug research

1977 to 1978

### **UNIVERSITY OF NEW ORLEANS**

*New Orleans, Louisiana  
Department of Economics and Management*

Assistant Professor - Taught undergraduate courses in Economics and Health Care

1975 to 1977

### **UNIVERSITY OF MANCHESTER**

*Manchester, England  
Department of Economics and Social Administration*

Research Associate - Dual appointment: Lecturer in Economics and Course Coordinator of the Administrative Development Course for Hospital Administrators

1974 to 1975

### **CENTRE FOR STUDIES IN ECONOMICS AND SOCIAL POLICY**

*London, England*

Research Fellow - Primary task was a case study of Wigan Community Health Council. Research published in a sequel to the book, Politics of Consumer Representation, by R. Klein and J. Lewis, Centre for Studies in Social Policy, London, England.

## PUBLICATIONS

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- Pettingill, B. "Wigan Community Health Council." in Community Health Councils: Four Case Studies: ed. Janet Lewis (Centre for Studies in Social Policy, Publ.) 1976 pp. 87-98.
- Pettingill, B. "Cost Effectiveness of Chiropractic Treatment in Louisiana – A Feasibility Study." Louisiana Journal of Chiropractics, September-October 1977 pp. 9-10.
- Pettingill, B. "Review of a History of Economic Thought." by William J. Barber. Review of Business and Economic Research XIII, Fall 1977 pp. 111-112.
- Pettingill, B. "A Feasibility Study of the Cost-Effectiveness Analysis of Rheumatoid Arthritis in Great Britain." Ph.D., Thesis, Manchester Business School Publication, January 1977, p. 275.
- Pettingill, B.F. "Cost-Effectiveness Analysis in the Hospital." Dimensions in Health Services Canada, January 1978, pp. 19-20.
- Pettingill, B. and Langdon, C. "View on Youth Employment: A Survey of Businessmen and Vocational Counselors in the Greater New Orleans Area." Business Review Louisiana Tech Publishers, March 1979, pp. 23-28.
- Pettingill, B. "Physicians' Estimates of Disability vs Patients' Reports of Pain." Psychosomatics, December 1979, Vol. 20, No. 12, pp. 827-830.
- Pettingill, B. and Langdon, C. "The Problem of Teenage Workers as Viewed by the New Orleans Businessmen." Louisiana Business Survey, Fall 1979. pp.6-8.
- Langdon, C., Pettingill, B.F., Bhatia, S. "Vocational-Technical Education in Region I of Louisiana." Research Study 44, Division of Business and Economic Research, University of New Orleans, May 1982. p. 124.
- Payne, Stephen L and Pettingill, B.F. "How Much Theft Can You Tolerate?" Security Management, August 1982. pp. 100-102.
- Langdon, Charles, Pettingill, B.F., and Bhatia, S. "Vo-Tech in Metro New Orleans: The Student and the Schools." Louisiana Business Survey, Summer 1982. pp. 9-11.
- Pettingill, B.F., Bhatia, S., and Langdon, C. "The Counselor-Firstline Manager in the Vocational Technical Educational System." Vocational Guidance Quarterly, December 1985. pp. 14-17.
- Payne, S. and Pettingill, B.F. "Theft Perceptions." The Personnel Administrator. October 1983. pp. 102-111.
- Pettingill, B.F. and Payne, S. "Shrinkage-Another Area of Supply Cost." Hospital Topics. May-June 1984. pp. 12-15.

## PUBLICATIONS

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Pettingill, B.F., et al. "A Hospital Linen Cost Control System." Southern Hospitals, May-June 1984. pp. 62-64.

Pettingill, B.F., and Stafford, John, M.D. "The Insurance Carriers Can Contribute to the Reduction of Health Care Costs." City Business. January 1984. pp. 4-5.

Pettingill, B.F., and Watson, Marie. "One System of Health Care Delivery Hospital Administrators Cannot Afford to Overlook." Hospital Topics. September 1984. pp. 111-114.

Pettingill, B.F., and Westell, Hariette. "Management of Diagnostic Related Groups." Hospital Topics. Vol. 62, No. 4. August 1984. pp. 68-70.

Pettingill, B.F. "Competition for the Consumer." Citybusiness. July 1984. pp. 14-16.

Pettingill, B.F. "Award Winning Tax Angle." Tax Angle. Vol. X, No. 4. April 1984. pp 28-29.

Pettingill, B.F., and Payne, S. "Coping with Organizational Politics." Supervisory Management. April 1986. pp. 28-32.

Pettingill, B.F., and Payne, S. "Obstacles to Improving Student Creativity in Management for Business." Journal of Education for Business. March 1986. Vol. 61 No. 6. pp. 271-275.

Pettingill, B.F., and Payne, S. "Management and Values Education." Published in SMA Proceedings. November 1985. pp. 349-352.

Pettingill, B.F., and Perrin, Warren A. "Estimating Future Medical Maintenance Expenses." Louisiana Bar Journal. October 1986. pp., 149-152.

Pettingill, B.F., and Payne, S. "Management and Value Education." Organizational Behavior Teaching Review. Vol. XI, No. 1. 1986-87. pp. 18-27.

Pettingill, B.F., and Payne, S. "Faculty Perceptions of Student Values." Southern Management Association. Dennis F. Ray (ed.) pp. 437-440.

Pettingill, B.F. "How an Economist Sets a Value on Human Life." Editorial. Palm Beach Post [West Palm Beach, FL] May 1989.

Pettingill, B.F., and Eriksen, Michael. "Case Management: Evaluating a Firm's Caseload Using a Cost-Benefit Approach." The Trial Lawyer. Vol. 22, No. 5. September-October 1999.

# CURRICULUM VITAE

**Paul J Schenarts, MD**

**CAMPUS ADDRESS:** Department of Surgery-General Surgery  
983280 Nebraska Medical Center  
Omaha, NE 68198-3280  
Phone: (402) 559-5248  
Email: paul.schenarts@unmc.edu

## EDUCATION

1983 - 1987 BS, Biology, Fordham University; Bronx, NY  
1987 - 1992 MD, University of Connecticut, School of Medicine; Farmington, C

## POST DEGREE TRAINING

7/1989 - 6/1990 Post-Sophomore Fellow, Anatomic and Clinical Pathology, University of Connecticut, School of Medicine; Farmington, CT  
7/1992 - 6/1993 Surgical Internship, General Surgery, Maine Medical Center; Portland, ME  
7/1993 - 6/1999 Residency, General Surgery, Maine Medical Center; Portland, ME  
7/1994 - 6/1996 N.I.H. Trauma Research Fellow, Investigational Intensive Care Unit, University of Texas Medical Branch and Shriners' Burn Institute; Galveston, TX  
7/1998 - 6/1999 Chief Surgical Resident, General Surgery, Maine Medical Center; Portland, ME  
7/1999 - 6/2000 Fellow, Trauma Surgery & Surgical Critical Care, Vanderbilt University School of Medicine; Nashville, TN  
4/2004 - Present Surgical Education Research Fellow, Association for Surgical Education

## CONTINUING EDUCATION AND TRAINING

10/2012 - 2012 Trauma Program Director Training, Trauma Center Association of American, Wyoming Medical Center  
9/2013 - 2013 20th Annual Surgeons as Educators Course, American College of Surgeons  
9/2013 - 2014 Physicians Leadership Academic, University of Nebraska Medical Center

## ACADEMIC APPOINTMENTS

2013 - Present Vice Chairman of Surgery - Academic Affairs, Department of Surgery, University of Nebraska Medical Center, Omaha, NE  
2012 - Present Professor of Surgery, Department of Surgery, University of Nebraska Medical Center, Omaha, NE  
2012 - Present Director of Acute Care Surgery, Department of Surgery, University of Nebraska Medical Center, Omaha, NE  
2012 - Present Chief of Trauma Surgery & Surgical Critical Care, Department of Surgery, University of Nebraska Medical Center, Omaha, NE  
2012 - 2013 Vice Chairman of Surgery - Education, Department of Surgery, University of Nebraska Medical Center, Omaha, NE  
2010 - 2012 Assistant Dean of Clinical Academic Affairs, Brody School of Medicine, East Carolina University, Greenville, NC

2009 - 2012	Director, Multidisciplinary ICU Clerkship, Brody School of Medicine, East Carolina University, Greenville, NC
2007 - 2012	Associate Professor with Tenure, Department of Surgery, Brody School of Medicine, East Carolina University, Greenville, NC
2006 - 2012	Director, General Surgery Residency Program, Pitt County Memorial Hospital, East Carolina University, Greenville, NC
2006 - 2012	Associate Director, General Surgery Clerkship, Brody School of Medicine, East Carolina University, Greenville, NC
2005 - 2006	Associate Director, General Surgery Residency, Pitt County Memorial Hospital, East Carolina University, Greenville, NC
2004 - 2012	Resident Coordinator, Surgery, Emergency Medicine, OB/GYN, Physical Medicine & Rehabilitation, Trauma Surgery & Surgical Intensive Care Unit, Greenville, NC
2002 - 2012	Lecturer, Anatomic & Histology, Brody School of Medicine, East Carolina University, Greenville, NC
2002 - 2008	Lecturer, War & Medicine Seminar, Brody School of Medicine, East Carolina University, Greenville, NC
2002 - 2006	Clerkship Director, Surgery Clerkship, Brody School of Medicine, East Carolina University, Greenville, NC
2001 - 2008	Selective Director, Acting Internships, Surgical Critical Care & Trauma Surgery, Brody School of Medicine, East Carolina University, Greenville, NC
2001 - 2007	Assistant Professor, Department of Surgery, Brody School of Medicine, East Carolina University, Greenville, NC
2001 - 2001	Course Director, General Surgery Didactic Course, Physician's Assistant Program, School of Allied Health, East Carolina University, Greenville, NC
2000 - 2001	Instructor of Surgery, Department of Surgery, Division of Trauma & Surgical Critical Care, School of Medicine, Vanderbilt University, Nashville, TN
2000 - 2001	Instructor, Emergency Medicine Course, Physician's Assistant Program, Trevecca Nazarene University, Nashville, TN
1999 - 2001	Instructor of Surgery, Department of Surgery, Meharry Medical College, Nashville, TN
1999 - 2000	Instructor, Problem Based Learning Elective, School of Medicine, Vanderbilt University, Nashville, TN
1994 - 1996	Teaching Assistant, Integrated Physiology Lab, University of Texas Medical Branch, Galveston, TX

## CERTIFICATIONS AND LICENSES

Present	Instructor, Advanced Trauma Life Support 19915
Present	Provider, Advanced Cardiac Life Support NC05361
Present	Instructor, Rural Trauma Team Development Instructor
1992 - Present	Diplomate, National Board of Medical Examiners 401332
2000 - 2021	General Surgery, American Board of Surgery 45792
2001 - 2022	Surgical Critical Care, American Board of Surgery 1927
2013 - Present	Provider, Pediatric Advanced Life Support NE02147
2014 - Present	Nebraska State Faculty, Advanced Trauma Life Support 19915
Present	Medical Doctor, Maine Medical License
Present	Medical Doctor, Tennessee Medical License
Present	Medical Doctor, Nebraska Medical License 26640
Present	Medical Doctor, North Carolina Medical License 2001-00776



## GRANTS AND CONTRACT SUPPORT

### NON-SPONSORED / OUTSIDE GRANTS INFORMATION

Title: ACCESS: A Controlled Comparison of Eritoran Tetrasodium and Placebo in Patients with Severe Sepsis  
Funding Agency: Eisai, Inc  
Project Period: 2008 - 2011  
Total Dollars: \$282,736  
Direct Cost: \$282,736  
Role: Sub-Investigator

Title: The Oscillation for ARDS Treated Early (OSCILLATE) Trial  
Funding Agency: Canadian Health Institutes of Health Research, RCY  
Project Period: 2010 - 2014  
Total Dollars: \$0  
Direct Cost: \$0  
Role: Sub-investigator

Title: Randomized, Multi-Centre, Controlled Clinical Study on the Effect of S.A.F.E. Therapy on Disease Severity and Inflammation in Mechanically-Ventilated Subjects due to Severe Sepsis.  
Funding Agency: BBraun  
Project Period: 2011 - 2014  
Total Dollars: \$330,664  
Direct Cost: \$0  
Role: Sub-investigator

### OTHER APPOINTMENTS AND POSITIONS

2000 - 2001 Co-Medical Director & Flight Physician, Vanderbilt Life Flight, Vanderbilt University Medical Center, Nashville, TN,  
2000 - 2001 Attending Surgeon, Trauma & Surgical Critical Care, Vanderbilt University Medical Center, Nashville, TN,  
2001 - 2012 Attending Surgeon, Trauma, Surgical Critical Care & Emergency Surgery, Pitt County Memorial Hospital / University Health Systems, Greenville, NC,  
2012 - Present Attending Surgeon & Director of Acute Care Surgery, Nebraska Medicine, Omaha, NE,  
2012 - Present Chief of Trauma Surgery, Nebraska Medicine, Omaha, NE,  
2012 - Present Chief of Surgical Critical Care, Nebraska Medicine, Omaha, NE,  
2013 - Present Associate Director, Adult Critical Care Unit, Nebraska Medicine, Omaha, NE,

### MILITARY SERVICE

2004 - 2005 Commander, Alpha Team 933 FST, Operation Iraqi Freedom (Tikrit, Abu Ghraib, Baghdad)  
Operation Enduring Freedom (Afghanistan)  
  
933rd Forward Surgical Team  
115th Field Hospital  
86th Combat Support Hospital  
  
48th Combat Support Hospital  
Khowst, Afghanistan  
  
344th Combat Support Hospital, United States Army Medical Corps

2003 - 2003	Trauma Surgeon, Operation Enduring Freedom (Afghanistan) 948th & 946th Forward Surgical Teams, United States Army Medical Corps
2001 - 2002	Surgeon, 874th Medical Team, Forward Surgical (FST) Fort Jackson, SC, United States Army Medical Corps
2000 - 2001	Surgeon, 5th Group, Special Forces 18 Delta Trauma Rotation Coordinator Vanderbilt University Trauma Center Nashville, TN, United States Army Medical Corps
1999 - 2000	Surgeon, 4203rd US Army Hospital Nashville, TN, United States Army Medical Corps
1994 - 2013	Colonel (MSO J61, General Surgeon), United States Army Medical Corps (Reserve)

## HONORS AND AWARDS

### LOCAL

	Scholars in Surgery, University of Connecticut, School of Medicine, Farmington, CT, USA
	Waterbury Medical Association, University of Connecticut, School of Medicine, Farmington, CT, USA
	Excellence in Surgical Studies, American College of Surgeons (Connecticut Chapter), CT, USA
	Summa Cum Laude, Fordham University, Bronx, NY, USA
	Phi Beta Kappa, Fordham University, Bronx, NY, USA
	Alpha Sigma Nu, Fordham University, Bronx, NY, USA
	Phi Kappa Phi, Fordham University, Bronx, NY, USA
	Alpha Epsilon Delta, Fordham University, Bronx, NY, USA
	McVicar Scholarship, Fordham University, Bronx, NY, USA
	East Carolina Distinguished Military Service Society, East Carolina Distinguished Military Service Society
	Robert L. Jones Award for Outstanding Teaching, East Carolina University, Brody School of Medicine, Greenville, NC, USA
	UNC Board of Governors Distinguished Professor for Teaching, East Carolina University, Brody School of Medicine, Greenville, NC, USA
	Master Educator Award, East Carolina University, Brody School of Medicine, Greenville, NC, USA
	Alpha Omega Alpha, USA
1983-1984	Dean's List, Honors, Fordham University, Bronx, NY, USA
1984-1987	Dean's List, High Honors, Fordham University, Bronx, NY, USA
1992	Pediatric Trauma Paper Award, American College of Surgeons (Connecticut Chapter), CT, USA
1996	Resident Trauma Paper Award, American College of Surgeons (Maine Chapter), ME, USA
1997	Resident Teacher of the Year in Surgery, Maine Medical Center; University of Vermont, School of Medicine, Portland, ME, USA
1998	Resident Teacher of the Year in Surgery, Maine Medical Center; University of Vermont, School of Medicine, Portland, ME, USA
1999	Resident Teacher of the Year in Surgery, Maine Medical Center; University of Vermont, School of Medicine, Portland, ME, USA
2003	Best Clinical Clerkship Award, Clerkship Director, East Carolina University, Brody School of Medicine, Greenville, NC, USA
2004	String of Pearls Invited Lecture, East Carolina University, Brody School of Medicine, Greenville, NC, USA
2004	Best Clinical Clerkship Award, Clerkship Director, East Carolina University, Brody School of Medicine, Greenville, NC, USA
2004	Excellent in Clinical Teaching Award, East Carolina University, Brody School of Medicine, Greenville, NC, USA

2005	String of Pearls Invited Lecture, East Carolina University, Brody School of Medicine, Greenville, NC, USA
2005	Best Clinical Clerkship Award, Clerkship Director, East Carolina University, Brody School of Medicine, Greenville, NC, USA
2006	String of Pearls Invited Lecture, East Carolina University, Brody School of Medicine, Greenville, NC, USA
2006	Best Clinical Clerkship Award, Clerkship Director, East Carolina University, Brody School of Medicine, Greenville, NC, USA
2006	University Award for Outstanding Teaching, Finalist, East Carolina University, Brody School of Medicine, Greenville, NC, USA
2007	String of Pearls Invited Lecture, East Carolina University, Brody School of Medicine, Greenville, NC, USA
2007	Graduation Hippocratic Oath Administrator, East Carolina University, Brody School of Medicine, Greenville, NC, USA
2007	Clinical Science Award for Best Clinical Teacher of Year, East Carolina University, Brody School of Medicine, Greenville, NC, USA
2007	Best Clinical Clerkship Award, Clerkship Director, East Carolina University, Brody School of Medicine, Greenville, NC, USA
2008	String of Pearls Invited Lecture, East Carolina University, Brody School of Medicine, Greenville, NC, USA
2008-2009	Emergency Medicine Best Off-Service Teaching Award, East Carolina University, Brody School of Medicine, Greenville, NC, USA
2010	String of Pearls Invited Lecture, East Carolina University, Brody School of Medicine, Greenville, NC, USA
2010	Graduation Hippocratic Oath Administrator, East Carolina University, Brody School of Medicine, Greenville, NC, USA
2010	Clinical Science Award for Best Clinical Teacher of Year, East Carolina University, Brody School of Medicine, Greenville, NC, USA
2011	String of Pearls Invited Lecture, East Carolina University, Brody School of Medicine, Greenville, NC, USA
2011	Faculty Marshal (1st Med School Faculty in Univ History), East Carolina University, Brody School of Medicine, Greenville, NC, USA
2011	White Coat Ceremony, Key Note Speaker, East Carolina University, Brody School of Medicine, Greenville, NC, USA
2012	String of Pearls Invited Lecture, East Carolina University, Brody School of Medicine, Greenville, NC, USA
2012	Bernard Vick Teaching Award for Excellence, East Carolina University, Brody School of Medicine, Greenville, NC, USA
2013	Excellence in Clinical Clerkship Training, East Carolina University, Brody School of Medicine, Greenville, NC, USA
2014-2015	Top Five Educators of Surgical Medical Students-Four Cohorts, University of Nebraska Medical Center, Omaha, NE, USA

## **NATIONAL**

NATO Medal, 2nd Award, United States Army Medical Corps, USA  
 Combat Medic Award, United States Army Medical Corps, USA  
 Combat Action Award, United States Army Medical Corps, USA  
 Eagle Scout, USA  
 Order of the Arrow  
 National Outstanding Teacher Award, Association for Surgical Education, USA

2003	Army Commendation Medal, United States Army Medical Corps, USA
2003	Global War on Terrorism Expeditionary Medal, United States Army Medical Corps, USA
2004	Outstanding Paper Award, Association for Surgical Education, USA
2004-2005	Bronze Star, United States Army Medical Corps, USA
2004-2005	Army Commendation Medal with Oak Leaf Cluster, United States Army Medical Corps, USA
2004-2005	Army Achievement Medal, United States Army Medical Corps, USA
2004-2005	Afghan Campaign Medal, United States Army Medical Corps, USA
2004-2005	Iraq Campaign Medal, 2nd Award, United States Army Medical Corps, USA
2004-2005	Army Commendation Medal with 2 Oak Leaf Clusters, United States Army Medical Corps, USA
2004-2005	Meritorious Service Medal, United States Army Medical Corps, USA
2004-2005	Afghan Campaign Medal, 3rd Award, United States Army Medical Corps, USA

## MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES

Present	Member, Shock Society
Present	Member, American Trauma Society
Present	Member, Pediatric Trauma Society
Present	Fellow, American College of Surgeons
Present	Member, Society of University Surgeons
Present	Member, Southeastern Surgical Congress
Present	Member, Association for Academic Surgery
Present	Member, Association of Military Surgeons
Present	Member, Society of Critical Care Medicine
Present	Member, Association for Surgical Education
Present	Member, American College of Chest Physicians
Present	Member, Association of Program Directors in Surgery
Present	Member, Eastern Association for the Surgery of Trauma
Present	Fellow, American Association for the Surgery of Trauma
Present	Founding Faculty Advisor, Charles Rob Student Surgical Society
2012	Member, North Carolina Medical Society
2012 - Present	Member, American College of Surgeons, Nebraska Chapter

## COMMITTEE ASSIGNMENTS

### COLLEGE OF MEDICINE

2011 - Present	Emergency Preparedness Committee, University of Nebraska Medical Center
2014 - Present	Acute Care Strategic Planning Committee, University of Nebraska Medical Center

### LOCAL/REGIONAL

2012	Committee on Trauma, American College of Surgeons, North Carolina Chapter
2012	Chair, Education Subcommittee, American College of Surgeons, North Carolina Chapter
2012	Disaster Preparation Committee, Eastern Regional Advisory Committee for Trauma, North Carolina
2002 - 2002	LCME Education Committee, General Curriculum Design Subcommittee, East Carolina University
2002 - 2007	M3 Promotion Committee, Department of Surgery Representative, East Carolina University
2003 - 2012	Division of Surgical Education Surgery Education Workshop Group, East Carolina University

2004 - 2004	Vice President, American Trauma Society, North Carolina Chapter
2005 - 2007	Chairman, Strategic Planning Steering Committee, East Carolina University
2005 - 2008	President, American Trauma Society, North Carolina Chapter
2005 - 2011	Faculty Senator, East Carolina University
2005 - 2012	Student Affairs Committee, East Carolina University
2006 - 2006	Program Director, 50th Annual Meeting, American College of Surgeons, North Carolina Chapter
2006 - 2012	Graduate Medical Education Committee, East Carolina University
2007 - 2008	Organizational Culture Assessment Team, East Carolina University
2007 - 2012	Personnel Committee (Promotion & Tenure), East Carolina University
2009 - 2011	M1 / M2 Curriculum Renewal Committee, East Carolina University
2009 - 2012	LCME Steering Committee, East Carolina University
2009 - 2012	M4 Curriculum Committee, East Carolina University
2010 - 2012	Brody Council, East Carolina University
2010 - 2012	Dean's Leadership Team, East Carolina University
2010 - 2012	M3 Curriculum Committee, East Carolina University
2010 - 2012	Executive Curriculum Committee, East Carolina University
2012 - Present	Organizer, Resident Paper Competition, Annual Advances in Trauma, Region VII, American College of Surgeons, Committee on Trauma
2013 - Present	Advances in Trauma Program Committee, American College of Surgeons, Committee on Trauma
2014 - Present	Hospital Site Reviewer, State of Nebraska
2014 - Present	Member, State of Nebraska Trauma Center Designation Committee
2015 - Present	Regulatory Committee (Ad Hoc), State of Nebraska Trauma System
2015 - Present	Strategic Planning Task Force, State of Nebraska Trauma System
2015 - Present	Representative, Nebraska Committee on Trauma, American College of Surgeons

#### **MEDICAL STAFF**

2014 - Present	Nebraska Medicine Quality Steering Committee, Nebraska Medicine
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#### **NATIONAL/INTERNATIONAL**

Present	Collaborative Grant Project, ASE & APDS
Present	Exam Writer, Harvesting Project (4th Year Surgery Exam), National Board of Medical Examiners
2004 - 2007	Research Proposal Reviewer - Hemostasis Section, Combat Casualty Care Research Program, American Institute of Biologic Sciences
2006 - 2010	Curriculum Committee, Association for Surgical Education
2007 - 2010	Recorder, Association for Surgical Education
2007 - 2010	Board of Directors, Member, Association for Surgical Education
2008 - Present	Surgical Education Research Fellowship Faculty Advisor, Association for Surgical Education
2008 - 2008	Associate Board Examiner, Certifying Exam, Nashville, TN, American Board of Surgery
2009 - 2014	Program Committee, Association of Program Directors in Surgery
2010 - 2013	Graduate Medical Education Committee, Vice-Chairman, Association for Surgical Education
2011 - Present	Executive Council, Member, Association of Program Directors in Surgery
2011 - Present	Board of Directors, Member, Association of Program Directors in Surgery
2012 - Present	Committee on Careers in Trauma Surgery, Eastern Association for the Surgery of Trauma
2012 - Present	Governance & Strategic Planning Task Force, Eastern Association for the Surgery of Trauma
2012 - 2012	OSCE Project Task Force, American College of Surgeons
2012 - 2012	Program Chair for 2012 Meeting, Association of Program Directors in Surgery

2012 - 2013	Education Committee, American Association for the Surgery of Trauma
2012 - 2013	Liaison to Association for Surgical Education, Association of Program Directors in Surgery
2013 - Present	Surgeons as Educators Course: Faculty, American College of Surgeons
2013 - Present	Committee on Medical Student Education, American College of Surgeons
2013 - Present	Graduate Medical Education Committee, Chairman, Association for Surgical Education
2013 - 2015	Secretary, Association of Program Directors in Surgery
2013 - 2015	Board of Directors, Member, Association for Surgical Education
2014 - Present	SESAP 16: Editorial Board, American College of Surgeons
2014 - Present	Nebraska State Chair, Region VII, American College of Surgeons, Committee on Trauma
2014 - Present	Surgeons as Educators Course: Physician Course Director, American College of Surgeons
2015 - Present	Nominating Committee, Eastern Association for the Surgery of Trauma
2015 - Present	Standardized Letter of Recommendation Task Force, Association of Program Directors in Surgery
2015 - 2015	Associate Board Examiner, Certifying Exam, Denver, CO, American Board of Surgery
2016 - Present	President - Elect, Association of Program Directors in Surgery

### **UNMC**

2012 - Present	ABCDE Steering Committee, University of Nebraska Medical Center
2012 - Present	Trauma Steering Committee, University of Nebraska Medical Center
2012 - Present	Chairman, Trauma Committee, University of Nebraska Medical Center
2012 - Present	Hospital Quality Committee, University of Nebraska Medical Center
2012 - Present	Residency Competency Committee, University of Nebraska Medical Center
2012 - Present	AICU / APCU Quality Triad Committee, University of Nebraska Medical Center
2012 - Present	Enterprise Quality Governance Committee, University of Nebraska Medical Center
2012 - Present	Critical Care Performance Improvement Team, University of Nebraska Medical Center
2012 - Present	Chairman, Trauma Quality Peer Review Committee, University of Nebraska Medical Center
2012 - 2013	OneTeam Interim Joint Planning Committee, University of Nebraska Medical Center
2012 - 2013	Comprehensive Unit-Based Safety Program, Blood Stream Infections, University of Nebraska Medical Center
2012 - 2013	UNMC-P Representative to Physician Leadership Committee, Proposed Accountable Care Organization, University of Nebraska Medical Center
2012 - 2014	Special Care Committee, University of Nebraska Medical Center
2012 - 2014	Creighton University Trauma Peer Review Committee, University of Nebraska Medical Center
2013 - Present	UMBD, University of Nebraska Medical Center
2013 - Present	Chairman, Department of Surgery Promotion & Tenure Committee, University of Nebraska Medical Center
2013 - 2014	Physician Engagement Group, University of Nebraska Medical Center
2014 - Present	Educational Development Institute (EDI), University of Nebraska Medical Center

### **MISCELLANEOUS**

Present	Editorial Board, Association for Surgical Education
Present	Editorial Board, Journal of Surgical Education
Present	Editorial Board, Perioperative Care and Operating Room Management
Present	Editorial Board, Associate Editor, Education & Leadership, American Journal of Surgery
Present	Reviewer, Critical Care Medicine
Present	Reviewer, Teaching & Learning in Medicine

Present	Reviewer, The Journal of Critical Illness
Present	Reviewer, Journal of the American College of Surgeons
Present	Reviewer, Annals of Surgery
Present	Reviewer, Journal of the American Medical Association (JAMA)
Present	Reviewer, JAMA: Surgery
Present	Reviewer, Surgical Endoscopy
Present	Reviewer, Journal of Graduate Medical Education
2004 - 2007	Editorial Board, Current Surgery

## PRESENTATIONS

1. Schenarts PJ; Fourihar F. K1 lymphoma: A case presentation. Winter Meeting of The New England Pediatric Pathologists Club; 1990. Providence, RI
2. Schenarts PJ; Morgan A. Analysis of abuse versus non-abuse in school aged children who required hospitalization after scald burn. 3rd Annual National Pediatric Trauma Forum; 1993. Indianapolis, IN
3. Schenarts PJ; Kikuchi Y; Bradford D; Schmalstieg F; Traber LD; Traber DL. A nonanticoagulant heparinoid preserves pulmonary microvascular permeability after smoke inhalation. McLaughlin Research Colloquium on Infection and Immunity; 1995. Galveston, TX
4. Schenarts PJ. Smoke inhalation and neutrophil trafficking in the lung. 26th Annual Spring Surgical Symposium; 1995. Portland, ME
5. Schenarts PJ. Hypertonic saline dextran in resuscitation of burns. 27th Spring Surgical Symposium; 1996. Portland, ME
6. Schenarts PJ. Effects of an anti-L-selectin antibody on teh pulmonary and systemic manifestations of smoke inhalation injury. American College of Surgeons, Resident Paper Competition (New England Regional Finals); 1997. Boston, MA
7. Schenarts PJ. Pyridoxilated hemoglobin polyoxyethylene conjugate normalizes hyperdynamic circulation in sepsis. New England Surgical Symposium; 1997. Portland, ME
8. Schenarts PJ; Brady TB; Abourjaily GS. Operative debridement of pancreatic necrosis. Winter Meeting of the Main Chapter of the American College of Surgeons; 1998. Sugar Loaf, ME
9. Schenarts PJ. Physiologic endpoints in resuscitation. Surgical Grand Rounds; Maine Medical Center; 1998. Portland, ME
10. Schenarts PJ. Clinical endpoints in the resuscitation of trauma. Conference on the Pulmonary Artery Catheter, Use, Misuse, Overuse; 1999. Portland, ME
11. Schenarts PJ. Physiologic aspects of aging. Surgical Grand Rounds; Maine Medical Center; 1999. Portland, ME
12. Schenarts PJ. Thromboembolism prophylaxis after traumatic injury. Multi-Disciplinary Critical Care Rounds; Vanderbilt University; 2000. Nashville, TN
13. Schenarts PJ. Medical consequences of terrorism. EMS Night Out; Maury Regional Hospital; 2000. Columbia, TN
14. Schenarts PJ. Comparison & Contrast Adult and Pediatric Trauma. Emergency Medicine Grand Rounds; East Carolina University; 2001. Greenville, NC
15. Schenarts PJ. Initial Resuscitation of the Pediatric Trauma Patient. CORE Pediatric Trauma Program; 2002. Greenville, NC
16. Schenarts PJ. Renal Dose Dopamine: Science of Science Fiction. Department of Surgery Grand Rounds; East Carolina University; 2002. Greenville, NC
17. Schenarts PJ; Roth S; Pofahl W. Preparation for Oral Boards. Chairman's Conference, Department of Surgery; East Carolina University; 2002. Greenville, NC
18. Schenarts PJ. Surgical Nutrition. Chairman's Conference, Department of Surgery; East Carolina University; 2002. Greenville, NC
19. Schenarts PJ. Complications of percutaneous endoscopic gastrostomy in trauma patients. 2002. Greenville, NC
20. Schenarts PJ. Kinematics of Traumatic Injury. Grand Rounds; Department of Emergency Medicine, East Carolina University; 2003. Greenville, NC

21. Bowen J; Schenarts PJ; Bard M; Sagraves S; Goettler C; Toschlog E; Rotondo MF. Does Resident Continuity of Care Matter? The Effect of a Unique Night-Time Coverage. Scheme on Morbidity and Mortality at a Regional Level 1 Trauma Center; 2003
22. Schenarts PJ. Battle Injuries During Operation Enduring Freedom. Combined Trauma & Emergency Medicine Conference; East Carolina University; 2003. Greenville, NC
23. Mann CH; Barwick JF; Schenarts PJ. Common Orthopedic Injuries Presenting to a Public Hospital. Guatemala International Health Education Consortium; 2004. Guatemala
24. Schenarts PJ; Parker F. Global War on Terrorism: A View from Two Fronts. Grand Rounds; Department of Surgery, East Carolina University; 2004. Greenville, NC
25. Phade SV; Schenarts PJ; Sagraves SG; Bard MR; Goettler CE; Toschlog EA; Newell MA; Rotondo MF. Effect of Trauma Center Development on Surgical Resident Education. American College of Surgeons, North Carolina Committee on Trauma Resident Paper Competition; 2004. Greenville, NC
26. Fugo J; Bard MR; Goettler CE; Toschlog EA; Schenarts PJ; Sagraves SG; Newell MA; Rotondo MF. Critically Injured Trauma Patients: Where Do They Belong?. American College of Surgeons, North Carolina Committee on Trauma Resident Paper Competition; 2004. Greenville, NC
27. Fugate; Bard MR; Goettler CE; Toschlog EA; Sagraves SG; Schenarts PJ; Newell MA; Rotondo MF. Alcohol Withdrawal Syndrome: Turning Minor Injuries into Major Problems. American College of Surgeons, North Carolina Committee on Trauma Resident Paper Competition; 2004. Greenville, NC
28. Willis HL; Schenarts PJ; Sagraves SG; Smith PJ. Clinical significance of CT scan-identified blush in patients with liver injuries. Medical Student Annual Research Day; Brody School of Medicine; 2004 Aug. Greenville, NC
29. Smith PJ; Willis HL; Sagraves SG; Schenarts PJ; Bard MR; Toschlog EA; Goettler CE; Newell MA; Rotondo MF. Shotgun Injury Management and Outcomes. Medical Student Annual Research Day; Brody School of Medicine; 2004 Aug. Greenville, NC
30. Schenarts PJ. War Surgery: Tales from Iraq and Afghanistan. Department of Surgery Grand Rounds; University of Texas; 2005 Jun. Houston, TX
31. Schenarts PJ. Advanced Damage Control Surgery. Department of Surgery Grand Rounds; Madigan Army Medical Center; 2005 Oct. Tacoma, WA
32. Schenarts PJ. Resident Continuity of Care. Grand Rounds; Hackensack University Medical Center; 2005 Dec. Hackensack, NJ
33. Schenarts PJ. Critical Care While Under Fire: Tales from Iraq & Afghanistan. Multidisciplinary Critical Care Conference; East Carolina University; 2005 May. Greenville, NC
34. Fugate M; Bard MR; Goettler CE; Toschlog EA; Sagraves SG; Schenarts PJ; Newell MA; Rotondo MF. Alcohol Withdrawal Syndrome: Turning Minor Injuries into Major Problems. EAST 18th Annual Scientific Assembly; 2005 Jan
35. Bard MR; Goettler CE; Toschlog EA; Fugo J; Schenarts PJ; Sagraves SG; Newell MA; Rotondo MF. Critically Injured Adolescent Patients: Where do they belong?. Southeastern Surgical Congress; 2005 Feb
36. Schenarts PJ. Trauma Care While Under Fire: Tales from Iraq & Afghanistan. Multidisciplinary Trauma Conference; East Carolina University; 2005 Jul. Greenville, NC
37. Schenarts PJ. Oral Board Prep. Department of Surgery's Chairman's Conference; East Carolina University; 2005 Aug. Greenville, NC
38. Schenarts PJ. Course Overview. Advanced Trauma Life Support; University Health Systems of Eastern Carolina; 2005 Aug. Greenville, NC
39. Schenarts PJ. Transfer to Definitive Care. Advanced Trauma Life Support; University Health Systems of Eastern Carolina; 2005 Aug. Greenville, NC
40. Goettler CE; Fugo JR; Bard MR; Newell MA; Sagraves SG; Toschlog EA; Schenarts PJ; Rotondo MF. Predicting the need for early tracheostomy: a multifactorial analysis of 992 intubated trauma patients. American Association for the Surgery of Trauma's 64th Annual Meeting; 2005 Sep. Atlanta, GA
41. Schenarts PJ. Medical Care in a War Zone - Tales from Afghanistan & Iraq. Eastern Regional Advisory Committee (ERAC) Meeting; 2005 Nov. Greenville, NC



42. Schenarts PJ. Fundamentals of War Surgery: What a medical team needs to know prior to deployment. 916th Aerospace Medicine Flight; Seymour-Johnson Air Force Base; 2005 Aug. Goldsboro, NC
43. Schenarts PJ. War Surgery during Operation Enduring Freedom & Iraqi Freedom. Surgical Grand Rounds; East Carolina University; 2005 Sep. Greenville, NC
44. Schenarts PJ. Battle Injuries during Operation Enduring Freedom. 8th Annual Naval Trauma Symposium; 2005 Aug. San Antonio, TX
45. Schenarts PJ. Tactical Medicine. North Carolina State Police Conference; 2005 Aug. Greenville, NC
46. Schenarts PJ; Toshlog EA; Sagraves SG; Bard MA; Goettler CE; Newell MA; Rotondo MF. Surgical Resident Perceptions of Trauma/Critical Care Surgeons. Society of Critical Care Medicine's 35th Critical Care Congress; 2006 Jan. San Francisco, CA
47. Toshlog EA; Rotondo MF; Briggs SE; Sagraves SG; Schenarts PJ; Bard MR; Goettler CE; Newell MA. Intensive Care Unit (ICU) Bedside Surgery: A Cost Effective Approach. Society of Critical Care Medicine's 35th Critical Care Congress; 2006 Jan. San Francisco, CA
48. Toshlog EA; Allen N; Briggs SE; Bard MR; Schenarts PJ; Goettler CE; Sagraves SG; Newell MA; Rotondo MF. Cefepime Continuous Infusion (CTI) Versus Conventional Dosing (CVD) for Ventilator Associated Pneumonia (VAP). Society of Critical Care Medicine's 35th Critical Care Congress; 2006 Jan. San Francisco, CA
49. Goettler CE; Briggs SE; Bard MR; Toshlog EA; Sagraves SG; Schenarts PJ; Newell MA; Rotondo MF. High-Frequency Oscillatory Ventilation (HFOV) as a Rescue Maneuver for Adult Respiratory Distress Syndrome (ARDS) in Trauma Patients. Society of Critical Care Medicine's 35th Critical Care Congress; 2006 Jan. San Francisco, CA
50. Sagraves SG; Fugo J; Bowen J; Bard MR; Toshlog EA; Goettler CE; Schenarts PJ; Newell MA; Rotondo MF. Beta-Blockers are Safe in Elderly Trauma Patients. Society of Critical Care Medicine's 35th Critical Care Congress; 2006 Jan. San Francisco, CA
51. Schenarts PJ; Bard MR; Sagraves SG; Newell MA; Goettler CE; Toshlog EA; Willis H; Rotondo MF. Contrast Blush Not Degree of Injury or Transfusion Requirement Predict Positive Angiograms After Hepatic Trauma. Eastern Association for the Surgery of Trauma 19th Annual Scientific Assembly; 2006 Jan. Orlando, FL
52. Toshlog EA; Goettler CE; Bard MR; Newell MA; Sagraves SG; Schenarts PJ; Rotondo MF. Free Peritoneal Fluid (FF) Without Solid Organ Injury on Computerized Tomography (CT) Following Blunt Trauma: Predictors of Therapeutic Laparotomy (TL). Western Trauma Association 36th Annual Meeting; 2006 Feb. Big Sky, MT
53. Newell MA; Rotondo MF; Toshlog EA; Sagraves SG; Schenarts PJ; Bard MR; Goettler CE. The Elderly Trauma Patient: An Investment for the Future?. Western Trauma Association 36th Annual Meeting; 2006 Feb. Big Sky, MT
54. Schenarts PJ. Reflections on being a surgeon during the 4th World War: Iraq & Afghanistan. 2004-2005 Perspectives Lecture Series, Medical Humanities Department, Brody School of Medicine; 2006 Feb. Greenville, NC
55. Schenarts PJ. Overcoming Struggle. Mended Hearts Pitt County Chapter Meeting; 2006 Mar. Greenville, NC
56. Schenarts PJ. On being a citizen soldier. JH Rose High School; 2006 Mar. Greenville, NC
57. Schenarts PJ. Wartime Amputations. Physical Medication and Rehabilitation Grand Rounds; 2006 Mar. Greenville, NC
58. Schenarts PJ; Sagraves SG; Bard MR; Toshlog EA; Goettler CE; Newell MA; Rotondo MF. Factors Influencing Surgical Resident Fellowship Selection and Career Choice. Association of Program Directors in Surgery/Association for Surgical Education; 2006 Mar. Tucson, AZ
59. Sagraves SG; Phade S; Spain T; Bard MR; Goettler CE; Schenarts PJ; Toshlog EA; Newell MA; Cairns B; Peck M; Rotondo MF. A Collaborative Systems Approach to Rural Burn Care. American Burn Association 38th Annual Meeting; 2006 Apr. Las Vegas, NV
60. Schenarts PJ. Medical Aspects of Torture and Triage. M-4 War and Medicine Selective, Medical Humanities Department, Brody School of Medicine; 2006 Apr. Greenville, NC
61. Tyson H; Bard MR; Goettler CE; Schenarts PJ; Toshlog EA; Sagraves SG; Newell MA; Rotondo MF. Predictors of Decubitus Ulcer Formation in the Trauma Population. North Carolina Chapter of the American College of Surgeons Resident & Fellow Research Paper Competition 2006; 2006 Jul. Greenville, NC
62. Fugate M; Toshlog EA; Newton C; Newell MA; Goettler CE; Schenarts PJ; Bard MR; Sagraves SG; Rotondo MF. Morbidity Reduction in Critically Ill Trauma Patients Through Use of a Computerized Insulin Infusion Protocol: A Preliminary Study. North Carolina Chapter of the American College of Surgeons Resident & Fellow Research Paper Competition 2006; 2006 Jul. Greenville, NC

63. Phade SV; Schenarts PJ; Bard MR; Goettler CE; Newell MA; Sagraves SG; Toschlog EA; Rotondo MF. Significance of Field Hypotension in Patients Who Arrive Normotensive at the Trauma Center. North Carolina Chapter of the American College of Surgeons Resident & Fellow Research Paper Competition 2006; 2006 Jul. Greenville, NC
64. Schenarts PJ. Surgical Care during the 4th World War. North Carolina Chapter of the American College of Surgeons 2006 Annual Meeting; 2006 Jul. Myrtle Beach, SC
65. Schenarts PJ; Bard MR; Goettler CE; Newell MA; Sagraves SG; Toschlog EA; Rotondo MF. Field Hypotension: A Marker of Severe Injury or Crying Wolf. American Association for the Surgery of Trauma's 65th Annual Meeting; 2006 Sep. New Orleans, LA
66. Schenarts PJ. An Indepth Review of the 80-Hour Work Week. Grand Rounds; new Hanover Regional Medical Center; 2007 Feb. Wilmington, NC
67. Schenarts PJ. Organization and Delivery of Trauma Care During the Global War on Terror. 6th Annual Trauma and Critical Care Symposium; 2007 Nov. Charlotte, NC
68. Schenarts PJ. Resuscitation and Hemorrhage Control at the Battlefield. 6th Annual Trauma and Critical Care Symposium; 2007 Nov. Charlotte, NC
69. Schenarts PJ; Schenarts KD; Haisch C; Rotondo MF. You're Fired: basics of resident dismissal. Association for Surgical Education; 2007 Apr. Washington, DC
70. Schenarts PJ; Curet MJ. Resident Leadership Skills. Association of Program Directors in Surgery; 2007 Apr. Washington, DC
71. Schenarts PJ; Haisch C; Bard MR. Dinner and a beating: Thinking out of the box presentation. Association for Surgical Education; 2007 Apr. Washington, DC
72. Phade SV; Schenarts PJ; Goettler CE; Dailey JA; Bard MR; Rotondo MF. Effect of Emergency Surgery Coverage on the Trauma Patient. 2007 Trauma Resident Paper Competition, North Carolina Chapter of American College of Surgeons; 2007 Jul. Asheville, NC
73. Godwin J; Bard MR; Schenarts PJ; Rotondo MF. More buck for the bang. 2007 Trauma Resident Paper Competition, North Carolina Chapter of American College of Surgeons; 2007 Jul. Asheville, NC
74. Schenarts PJ. What can we expect from the next generation of surgeons?. Grand Rounds; Virginia Tech Carilion Medical School; 2008 Jan. Roanoke, VA
75. Bard MR; Schenarts PJ; Schenarts KD; Newell MA; Waibel BH; Rotondo MF. Increasing resident responsibility: the impact on trauma patients. Eastern Association for the Surgery of Trauma; 2008 Jan. Amelia Island, FL
76. Schenarts PJ; Schlitzkus LL. Is Your Residency Program Ready for Generation Y?. Association of Program Directors in Surgery Annual Meeting; 2009 May. Salt Lake City, UT
77. Schlitzkus LL; Agle SC; McNally MM; Schenarts KD; Schenarts PJ. What Do Surgical Nurses Know About Surgical Residents?. Pitt County Memorial Hospital/Brody School of Medicine Graduate Medical Education Resident Research Day; 2009 May. Greenville, NC
78. Schlitzkus LL; Agle SC; McNally MM; Schenarts KD; Schenarts PJ. What Do Surgical Nurses Know About Surgical Residents?. Association of Program Directors in Surgery Annual Meeting; 2009 May. Salt Lake City, UT
79. Schlitzkus LL; Schenarts PJ. Women Behaving Badly: Interactions Between Female Nurses and Female Residents. Association of Program Directors in Surgery Annual Meeting; 2010 Apr. San Antonio, TX
80. Newell MA; Schlitzkus LL; Waibel BH; White MA; Schenarts PJ; Rotondo MF. Damage Control in the Elderly: Futile Endeavor or Fruitful Enterprise. 23rd Annual Scientific Assembly of the Eastern Association for the Surgery of Trauma (EAST); 2010 Jan. Phoenix, AZ
81. Schenarts PJ; Schlitzkus LL; Waibel BH; Bard MR. Trauma Publications in the American General and Subspecialty Surgery Literature. Southeastern Surgical Congress 2010 Annual Scientific Meeting; 2010 Feb. Savannah, GA
82. Meara MP; Schlitzkus LL; Witherington M; Haisch C; Rotondo MF; Schenarts PJ. Surgical Resident Education: What is the Department's Price for Commitment?. Pitt County Memorial Hospital/Brody School of Medicine Graduate Medical Education Resident Research Day; 2010 Apr. Greenville, NC

83. Schlitzkus LL; Schenarts PJ; Waibel BH; Bard MR. Trauma Publications in the American General and Subspecialty Surgery Literature. Pitt County Memorial Hospital/Brody School of Medicine Graduate Medical Education Resident Research Day; 2010 Apr. Greenville, NC
84. Schlitzkus LL; Meara MP; Witherington M; Haisch C; Rotondo MF; Schenarts PJ. Surgical Resident Education: What is the Department's Price for Commitment?. Association of Program Directors of Surgery Annual Meeting; 2010 Apr. San Antonio, TX
85. Schenarts PJ. Surgeons of Generation Y: What Can We Expect. Grand Rounds; University of Southern California, Keck School of Medicine; 2010 Feb. Los Angeles, CA
86. Schlitzkus LL; Schenarts PJ; Schenarts KD. 'Twas the Night Before the Interview. Pitt County Memorial Hospital/Brody School of Medicine Graduate Medical Education Resident Research Day; 2011 May. Greenville, NC
87. Schenarts PJ. Generation Y and the Future of Surgery. Department of Surgery Grand Rounds; University of Nebraska Medical Center; 2011 May. Omaha, NE
88. Schenarts PJ. Where is the Next Generation Taking Us?. Grand Rounds; Christiana Medical Center; 2011 Aug. Newark, DE
89. Schlitzkus LL; Clark CJ; Agle SC; Schenarts PJ. A Six Year Head-to-Head Comparison of Osteopathic and Allopathic Applicants to a University-Based Allopathic General Surgery Residency. Vidant Medical Center/Brody School of Medicine Graduate Medical Education Resident Research Day; 2012 May. Greenville, NC
90. Schenarts PJ. Remediating Members of Generation Y. Grand Rounds; Beth Israel Hospital; 2012 Apr. New York, NY
91. Schenarts PJ. Educational Impact of the Electronic Medical Record. Grand Rounds; Department of Pediatrics, East Carolina University; 2012 Apr. Greenville, NC
92. Schenarts PJ. Treating War Wounds in Children. Grand Rounds; Department of Pediatrics, East Carolina University; 2012 May. Greenville, NC
93. Schenarts PJ. Balancing faculty productivity demands vs resident educational needs. American College of Surgeons Clinical Congress; 2012 Oct. Chicago, IL
94. Schenarts PJ. Making it Real: Surgical Infections. Grand Rounds; Department of Surgery, University of Nebraska Medical Center; 2012 Oct. Omaha, NE
95. Schlitzkus LL; Clark CJ; Agle SC; Schenarts PJ. A Six Year Head-to-Head Comparison of Osteopathic and Allopathic Applicants to a University-Based Allopathic General Surgery Residency. Association of Program Directors in Surgery Annual Meeting; 2012 Mar. San Diego, CA
96. Schenarts P; Langenfeld, S. For the Lack of a Carrot or a Stick: The Program Director's Dilemma of Managing Problematic Members of the Faculty. Surgical Education Week Symposium, Association for Program Directors in Surgery; 2013
97. Steffen, Caleb; Wheeler, Matthew; Goede MR; Cemaj S; Buesing KEELY; Schenarts P. In an Urban Setting, Does Field Hypotension Matter if the Patient Arrives with a Normal Blood Pressure?. American College of Surgeons Committee on Trauma - Region 7; 2013 Dec 5. Kansas City, Missouri
98. Schenarts PJ. Educational Impact of the Electronic Medical Record. Grand Rounds; Department of Surgery, University of Missouri - Kansas City; 2013 Mar. Kansas City, MO
99. Schenarts PJ. Educating Residents in the Electronic Age. Grand Rounds; Department of Surgery, Mercy Hospital; 2013 May. Des Moines, IA
100. Schenarts PJ. Resident Education in the Electronic Era. Grand Rounds; Department of Anesthesiology, University of Nebraska Medical Center; 2013 Nov. Omaha, NE
101. Schenarts PJ. Importance of a Statewide Trauma System. Grand Rounds; Department of Orthopedic Surgery, University of Nebraska Medical Center; 2013 Dec. Omaha, NE
102. Schenarts PJ. Expert panel on difficult clinical cases. 37th Annual Advances in Trauma - American College of Surgeons - Committee on Trauma; 2013 Dec. Kansas City, MO
103. Steffen C; Wheeler M; Goede MR; Cemaj S; Buesing KEELY; Schenarts PJ. In an urban setting, does field hypotension matter if the patient arrives with a normal blood pressure. 38th Annual Advances in Trauma - American College of Surgeons - Committee on Trauma; 2013 Dec. Kansas City, MO

104. Schenarts PJ. The Single Person Disaster: Emergency Care of VIP Patient. 2013 Annual Nebraska Trauma Symposium; 2013 Sep. Omaha, NE
105. Schenarts PJ. Kinematics: The physics of injury and death. 2013 Annual Nebraska Trauma Symposium; 2013 Sep. Omaha, NE
106. Schenarts PJ. Best practices for integrating Advanced Practitioners into surgical training while maintaining educational integrity. Association for Surgical Education; 2013 Apr. Orlando, FL
107. Schenarts PJ. Resident Selection. Association of Residency Coordinators in Surgery; 2013 Apr. Orlando, FL
108. Mamoud A; Gauvin JM; Schenarts PJ. Living the dream: How to survive the nightmare of being sued by a resident. Association of Program Directors in Surgery; 2013 Apr. Orlando, FL
109. Schenarts PJ; Langenfeld, S. For the lack of a carrot or a stick: The program director's dilemma of managing problematic members of the faculty. Association of Program Directors in Surgery; 2013 Apr. Orlando, FL
110. Copeland AW; Schenarts PJ. Student assessment of the value of clinical clerkship skills: Do they know what they need to know? Results of a survey. Southeastern Surgical Congress; 2013 Feb. Jacksonville, FL
111. Schlitzkus LL; Schenarts PJ; Schenarts KD. "Twas the Night Before the Interview" : Perceptions of Resident Applicants about the Pre-Interview Reception. Association of Program Directors in Surgery Annual Meeting; 2013 April. Orlando, FL
112. Schenarts PJ. Education in the Electronic Age. Faculty Development Seminar; 2014 Mar. University of Hawaii, School of Medicine; Honolulu, HI
113. Schenarts PJ. The Next Generation of Surgeons. General Surgery Grand Rounds; 2014 Mar. University of Hawaii, School of Medicine; Honolulu, HI
114. Schenarts PJ. Leadership for the Surgical Resident. ECU Graduation; 2014 Jun. East Carolina University, Department of Surgery; Greenville, NC
115. Lowe JJ; Gibbs SG; Schenarts PJ. EMS Considerations for the Transport of Ebola Patients. Canadian EMS Association; 2014 Oct
116. Dawson DE; Isakov A; Lowe JJ; Schenarts PJ. EMS and Ebola: Field Experience with Transporting Patients. Clinical Outreach & Communication Activity; Webinar; 2014 Dec. Centers for Disease Control, Emergency Communication System
117. Schenarts PJ. Emergency Care of the VIP Patient. Grand Rounds; Department of Emergency Medicine, University of Nebraska Medical Center; 2014 Feb. Omaha, NE
118. Langenfeld, S; Cook G; Sudbeck C; Luers T; Schenarts PJ. Langenfeld SJ, Cook G, Sudbeck C, Lears T, Schenarts PJ. An assessment of unprofessional behavior among surgical residents on Facebook: A warning of the dangers of social Media. J Surg Educ. 2014 Nov- Dec; 71(6):e28-32., Epub 2014 Jun 26. Annual Meeting of the Association of Program Directors in Surgery; 2014 Apr. Chicago, IL
119. Schenarts PJ. Preparing for Humanitarian Missions in War Zones. Annual Meeting of the Association for Surgical Education; 2014 Apr. Chicago, IL
120. Schenarts PJ. Leadership Competencies. Surgeons as Educators Course; 2014 Sep. Atlanta, GA
121. Schenarts PJ. Educational Administration. Surgeons as Educators Course; 2014 Sep. Atlanta, GA
122. Schenarts PJ. Educational Aspects of Merging a Private Practice Group into an Academic Practice. Surgeons as Educators Course; 2014 Sep. Atlanta, GA
123. Schenarts PJ. Resident Selection. Surgeons as Educators Course; 2014 Sep. Atlanta, GA
124. Schenarts PJ. Use of Tranexamic Acid (TXA) in Trauma Patients. Omaha Trauma Symposium; 2014 Sep. Omaha, NE
125. Schenarts PJ. General Surgery Update (Diverticulitis). American College of Surgeons Clinical Congress; 2014 Oct. San Francisco, CA
126. Schenarts PJ. Success during Residency Interviews, The Program Director's Viewpoint. American College of Surgeons Clinical Congress; 2014 Oct. San Francisco, CA
127. Carson JS; Smith LM; Langenfeld, S; Duncan KF; Schenarts PJ; Thompson JS; Mercer DW; Jarman B; Are C. Influence of a new patient safety/quality metric and cost containment curriculum: A controlled pre- and post-intervention trial. ACS Clinical Congress; 2014 Oct. San Francisco, CA
128. Thompson J; Cooper R; Schlitzkus LL; Buesing KEELY; Evans CH; Goede MR; Stothert JC; Schenarts PJ. The influence of poverty level on trauma patients from urban and rural environments using a statewide trauma registry. 38th Annual Advances in Trauma - American College of Surgeons - Committee on Trauma; 2014 Dec. Kansas City, MO

129. Schenarts PJ. Teaching Medical Students & Residents. Eastern Association for the Surgery of Trauma; 2014 Jan. Naples, FL
130. Schenarts PJ. Physics of Injury and Death. Nebraska Association of Emergency Medical Services; 2014 Mar. Norfolk, NE
131. Schenarts PJ; Nagy K; Skarupa D. Transitions in career development. Eastern Association for the Surgery of Trauma; 2014 Jan. Naples, FL
132. Schenarts PJ; Schenarts KD. Understanding Generational Characteristics & Optimizing Your Teaching Environment. 14th Annual Winter Symposium, American Society of Transplant Surgeons; 2014 Jan. Miami, FL
133. Schenarts PJ; Langenfeld, S. Navigating Dismissal of a Resident from your Program. Annual meeting of Association of Program Directors in Surgery; 2014 Apr. Chicago, IL
134. Damme, C; Luo J; Goede MR; Cemaj S; Stothert JC; Schenarts PJ; Buesing KEELY. Prehospital Hypotension Correlates with Injury Severity and Outcomes. Society of Critical Care Medicine; 2015 January. Phoenix, AZ
135. Schenarts PJ. Complications after Traumatic Injury. Nebraska Trauma Nurse Review Course; 2015 Mar. Omaha, NE
136. green jm; shabahang nm; schenarts pj. Navigating your residency through adverse actions and problems. Association of Program Directors in Surgery; 2015 Apr. Seattle, WA
137. langenfeld sj; sudbeck c; luers t; schenarts pj. The glass houses of attending surgeons: an assessment of unprofessional behavior on Facebook among practicing surgeons. Association of Program Directors in Surgery; 2015 Apr. Seattle, WA
138. schenarts pj. Mastering the Resident Interview: The Program Directors Viewpoint. American College of Surgeons Clinical Congress; 2015 Oct. Chicago, IL
139. schenarts pj. Teacher - Learner Interactions in the Electronic Age. American College of Surgeons Clinical Congress; 2015 Oct. Chicago, IL
140. schenarts pj; chaplin r. Transport of Ebola Patients: the Nebraska Experience. Air Medical Transport Conference; 2015 Oct. Long Beach, CA
141. schenarts pj. Moderator, Panel. Society of Educators in Anesthesiology; 2015 Apr. Seattle, WA
142. schenarts pj. Strategic Professional Development Workshop. Eastern Association for the Surgery of Trauma; 2016 Jan. San Antonio, TX
143. schenarts pj. What makes a good trauma surgery job applicant?. Eastern Association for the Surgery of Trauma, 29th Annual Meeting; 2016 Jan. San Antonio, TX
144. schenarts pj. How to develop an academic portfolio for career advancement. Eastern Association for the Surgery of Trauma, 29th Annual Meeting; 2016 Jan. San Antonio, TX
145. schenarts pj. Medical Student & Resident Teaching Panel. Eastern Association for the Surgery of Trauma, 29th Annual Meeting; 2016 Jan. San Antonio, TX
146. schenarts pj. Introduction for the Orien's Lecture. Eastern Association for the Surgery of Trauma, 29th Annual Meeting; 2016 Jan. San Antonio, TX
147. schenarts pj. Impact of poverty level on urban and rural trauma patients. Academic Surgical Congress; 2016 Feb. Jacksonville, FL
148. schenarts pj. Surgical Education in the Era of Handheld Computers. Department of Surgery, University of Minnesota, Grand Rounds; 2016 Jan. Minneapolis, MN
149. schenarts pj. Cell Phones in Clinic and in the Classroom. Department of Medical Education, University of Minnesota, Grand Rounds; 2016 Jan. Minneapolis, MN

## **PUBLICATIONS**

### **A. ARTICLES PUBLISHED IN SCHOLARLY JOURNALS**

1. Schenarts PJ; Bone HG; Traber LD; Traber DL. Effects of severe smoke inhalation injury on systemic microvascular blood flow. *Shock* (Augusta, Ga.). 1996; Vol. 6 (3): p. 201-205. 1073-2322
2. Paul J. Schenarts; Donald S. Prough. Monitoring organ response during resuscitation in the systemic inflammatory response syndrome. *Current Opinion in Critical Care*. 2 : 267-272. 1996

3. H. Bone; P. Schenarts; L. Cindrick; L. Traber; D. Traber. Effects of nitric oxide scavenging on sheep pancreas and liver during sepsis. *FASEB Journal*. 10 : A598. 1996
4. L. Cindrick; P. Schenarts; H. Bone; L. Traber; D. Hemdon; D. Traber. Nebulization of a non-anticoagulant heparinoid (gm1892) attenuates lung lymph flow after acute lung injury in sheep. *FASEB Journal*. 10 : A353. 1996
5. Schenarts PJ, Bone HG, Traber LD, Traber DL. Effect of severe smoke inhalation injury on systemic microvascular blood flow in sheep. *Shock*. 6 : 201-205. 1996
6. H.G. Bone; P.J. Schenarts; S. Fischer; T. Cindrick; L.D. Traber; D.L. Traber. Renal effects of nitric oxide scavenging during hyperdynamic sepsis. *European Journal of Anaesthesiology*. 14 : 64-65. 1997
7. Shin CS, Lee KY, Kim JL, Lee HW, Schenarts PJ, Traber DL. Renal Ischemia-Reperfusion Injury Does Not Induce Pulmonary Dysfunction in Sheep. *Yonsei Medical Journal*. 38 : 142-150. 1997
8. Cushing BM, Clark DE, Cobean R, Schenarts PJ, Rutstein LA. Blunt and penetrating trauma: Has anything changed?. *Surgical Clinics of North America*. 77 : 1321-1332. 1997
9. Shin CS, Han JU, Kim JL, Schenarts PJ, Traber LD, Hawkins H, Traber DL. Heparin attenuated neutrophil infiltration but did not affect renal injury induced by ischemia reperfusion. *Yonsei Medical Journal*. 38 : 133-141. 1997
10. Bone HG, Schenarts PJ, Booke M, McGuire R, Harper D, Traber LD, Traber DL. Oxalated pyridoxalated hemoglobin polyoxyethylene conjugate normalizes the hyperdynamic circulation in septic sheep. *Critical Care Medicine*. 25 : 1010-1018. 1997
11. Elgjo GI, Mathew BP, Poli de Figueriedo LF, Schenarts PJ, Horton JW, Dubick MA, Kramer GC. Resuscitation with hypertonic saline dextran improves cardiac function In vivo and ex vivo after burn injury in sheep. *Shock*. 9 : 375-383. 1998
12. Bone HG, Schenarts PJ, Fischer SR, McGuire R, Traber LD, Traber DL. Pyridoxalated hemoglobin polyoxyethylene conjugate reverses hyperdynamic circulation in septic sheep. *Journal of Applied Physiology*. 84 : 1991-1999. 1998
13. Bone HG, Fischer SR, Schenarts PJ, McGuire R, Traber LD, Traber DL. Continuous infusion of pyridoxalated hemoglobin polyoxyethylene conjugate in hyperdynamic septic sheep. *Shock*. 10 : 69-76. 1998
14. Elgjo GI, Poli de Figueiredo LF, Schenarts PJ, Traber DL, Traber LD, Kramer GC. Hypertonic saline dextran produces early (8-12 hrs) fluid sparing in burn resuscitation: A 24-hr prospective, double-blind study in sheep. *Critical Care Medicine*. 28 : 163-171. 2000
15. Schenarts PJ, Schmalstieg FC, Hawkins H, Bone HG, Traber LD, Traber DL. Effects of an L-selectin antibody on the pulmonary and systemic manifestations of severe smoke inhalation injuries in sheep. *Journal of Burn Care and Rehabilitation*. 21 : 229-240. 2000
16. Schenarts PJ, Diaz J, Kaiser C, Carrillo Y, Eddy V, Morris JA. Prospective comparison of admission computed tomographic scan and plain films of the upper cervical spine in trauma patients with altered mental status. *Journal of Trauma - Injury, Infection and Critical Care*. 51 : 663-669. 2001
17. Bone HG, Sakurai H, Schenarts PJ, Traber LD, Traber DL. Effects of manganese superoxide dismutase, when given after inhalation injury has been established. *Critical Care Medicine*. 30 : 856-860. 2002
18. Toshlog EA; Rotondo MF; Spain T; Walker J; Crowder G; Barrett A; Joyner M; Sagraves SG; Schenarts P; Bard MR; Swanson M; Goettler CE. Characterization of Trauma Patients Lost to Follow-Up. *Journal of Trauma*. 2002 Dec; p. 1214
19. Sagraves SG, Conquest AM, Albrecht RJ, Toshlog EA, Schenarts PJ, Bard MR, Powell CS, Rotondo MF. Popliteal artery trauma in a rural level I trauma center. *American Surgeon*. 69 : 485-489. 2003
20. Toshlog EA, MacElligot J, Sagraves SG, Schenarts PJ, Bard MR, Goettler CE, Rotondo MF, Swanson MS. The relationship of injury severity score and Glasgow coma score to rehabilitative potential in patients suffering traumatic brain injury. *American Surgeon*. 69 : 491-497. 2003
21. Toshlog EA, Blount KP, Rotondo MF, Sagraves SG, Bard MR, Schenarts PJ, Swanson M, Goettler CE. Clinical predictors of subtherapeutic aminoglycoside levels in trauma patients undergoing once-daily dosing. *Journal of Trauma - Injury, Infection and Critical Care*. 55 : 255-262. 2003
22. Bard MR, Goettler CE, Schenarts PJ, Collins BA, Toshlog EA, Sagraves SG, Rotondo MF. Language barrier leads to the unnecessary intubation of trauma patients. *American Surgeon*. 70 : 783-786. 2004

23. Schenarts PJ. Three-year-old boy with burn wound sepsis: A challenge to the ethics of a responsible surgeon. *Current Surgery*. 61 : 245-246. 2004
24. Beaver TM, Schenarts PJ. Battlefield surgery 2005. *International Journal of Surgery*. 3 : 171-175. 2005
25. Schenarts PJ; Bowen J; Bard MR; Sagraves SG; Toschlog EA; Goettler CE; Cromwell S; Rotondo MF. The Effect of a Rotating Night-Float Coverage Scheme on Preventable and Potentially Preventable Morbidity at a Level I Trauma Center. *American journal of surgery*. 2005 Jul; Vol. 190 (1): p. 147-152. 0002-9610
26. Schenarts P, Bowen J, Bard M, Sagraves S, Toschlog E, Goettler C, Cromwell S, Rotondo M. The effect of a rotating night-float coverage scheme on preventable and potentially preventable morbidity at a level 1 trauma center. *American Journal of Surgery*. 190 : 147-152. 2005
27. Schenarts P; Goettler CE. Anterior Urethral Disruption in a Female Patient with a Traumatic Pelvic Fracture. *Surgery Journal*. 2006; p. 14-16
28. Schenarts P. Resident Dismissal - The Basics. *Focus on Surgical Education*. 2006
29. Michael F. Rotondo; Paul J. Schenarts. Corticosteroid use in the intensive care unit: At what cost? - Invited critique. *Archives of Surgery*. 141 : 149. 2006
30. Goettler CE, Fugo JR, Bard MR, Newell MA, Sagraves SG, Toschlog EA, Schenarts PJ, Rotondo MF. Predicting the need for early tracheostomy: A multifactorial analysis of 992 intubated trauma patients. *Journal of Trauma - Injury, Infection and Critical Care*. 60 : 991-996. 2006
31. Schenarts PJ, Sagraves SG, Bard MR, Toschlog EA, Goettler CE, Newell MA, Rotondo MF. Low-Dose Dopamine: A Physiologically Based Review. *Current Surgery*. 63 : 219-225. 2006
32. Schenarts PJ, Anderson Schenarts KD, Rotondo MF. Myths and Realities of the 80-Hour Work Week. *Current Surgery*. 63 : 269-274. 2006
33. Bard MR, Goettler CE, Toschlog EA, Sagraves SG, Schenarts PJ, Newell MA, Fugate M, Rotondo MF. Alcohol withdrawal syndrome: Turning minor injuries into a major problem. *Journal of Trauma - Injury, Infection and Critical Care*. 61 : 1441-1445. 2006
34. Schlitzkus LL; Schenarts P; Rotondo MF. Personal Achievement and Team Success: Where is the Balance Point?. *FOCUS on Surgical Education*. 2007; p. 19-22
35. Sagraves SG, Phade SV, Spain T, Bard MR, Goettler CE, Schenarts PJ, Toschlog EA, Newell MA, Claims BA, Peck MD, Rotondo MF. A collaborative systems approach to rural burn care. *Journal of Burn Care and Research*. 28 : 111-114. 2007
36. Toschlog EA, Sagraves SG, Bard MR, Schenarts PJ, Goettler CC, Newell MA, Rotondo MF. Rural trauma recidivism: A different disease. *Archives of Surgery*. 142 : 77-81. 2007
37. Schenarts PJ. Debriefing is an effective method for providing feedback and ensuring adherence to best clinical practice by residents in the intensive care unit. *Critical Care Medicine*. 35 : 957-958. 2007
38. Newell MA, Bard MR, Goettler CE, Toschlog EA, Schenarts PJ, Sagraves SG, Holbert D, Pories WJ, Rotondo MF. Body Mass Index and Outcomes in Critically Injured Blunt Trauma Patients: Weighing the Impact. *Journal of the American College of Surgeons*. 204 : 1056-1061. 2007
39. Toschlog EA, Newton C, Allen N, Newell MA, Goettler CE, Schenarts PJ, Bard MR, Sagraves SG, Rotondo MF. Morbidity reduction in critically ill trauma patients through use of a computerized insulin infusion protocol: A preliminary study. *Journal of Trauma - Injury, Infection and Critical Care*. 62 : 1370-1375. 2007
40. Schenarts PJ. Incorporating leadership training, a horizontal approach to resuscitation and performance feedback, into advanced life support. *Critical Care Medicine*. 35 : 1781-1782. 2007
41. Michael Holzman; Rao Ivatury; Galen Poole; Dimitrios Stefanidis; Paul J. Schenarts; Bob Schmieg; Rebecca Britt. Discussion. *American Surgeon*. 73 : 682-683. 2007
42. Schenarts P. Advice for New Residents & Faculty: Keys to an Unsuccessful Career and the Importance of Failure. *Focus on Surgical Education*. 2008
43. Schenarts P. Proceedings of the 2008 Annual Meetings of the Association for Surgical Education. Teaching and learning in medicine. 2008; p. 352-356. 1040-1334

44. Schenarts P. Proceedings of the 2007 Annual Meetings of the Association for Surgical Education. Teaching and learning in medicine. 2008 Jan; 1040-1334
45. Paul J. Schenarts; Brian M. Tibbs. Discussion. American Surgeon. 74 : 541. 2008
46. Schenarts PJ, Phade SV, Goettler CE, Waibel BH, Agle SC, Bard MR, Rotondo MF. Impact of acute care general surgery coverage by trauma surgeons on the trauma patient. American Surgeon. 74 : 494-501. 2008
47. Schenarts PJ, Phade SV, Agle SC, Goettler CE, Sagraves SG, Newell MA, Rotondo MF. Field hypotension in patients who arrive at the hospital normotensive: a marker of severe injury or crying wolf?. North Carolina medical journal. 69 : 265-269. 2008
48. Schenarts PJ, Tyson GH. Combining audiovisual feedback and debriefing: Learning or just imitating?. Critical Care Medicine. 36 : 2948-2949. 2008
49. Schenarts PJ, Love KM, Agle SC, Haisch CE. Comparison of Surgical Residency Applicants from U.S. Medical Schools with U.S.-Born and Foreign-Born International Medical School Graduates. Journal of Surgical Education. 65 : 406-412. 2008
50. Schenarts PJ, Schlitzkus LL, Goettler CE. Editorial: Is resident education a casualty or beneficiary of rapid response systems?. Critical Care Medicine. 37 : 3180-3181. 2009
51. Schlitzkus LL, Agle SC, McNally MM, Schenarts KD, Schenarts PJ. What Do Surgical Nurses Know About Surgical Residents?. Journal of Surgical Education. 66 : 383-391. 2009
52. Waibel BH, Schenarts PJ, Sagraves SG. High-pressure water jet injury to the neck and arm. American Surgeon. 75 : 90-92. 2009
53. Michael F. Rotondo; Michael R. Bard; Scott G. Sagraves; Eric A. Toshlog; Paul J. Schenarts; Claudia E. Goettler; Mark A. Newell; Matthew J. Robertson. What price commitment: What benefit? The cost of a saved life in a developing level I Trauma Center. Journal of Trauma - Injury, Infection and Critical Care. 67 : 915-921. 2009
54. Schenarts P. Surgery: Diagnosis and Management, Fourth Edition. American journal of surgery. 2009 Feb; 0002-9610
55. Briggs S, Goettler CE, Schenarts PJ, Newell MA, Sagraves SG, Bard MR, Toshlog EA, Rotondo MF. High-frequency oscillatory ventilation as a rescue therapy for adult trauma patients. American Journal of Critical Care. 18 : 144-148. 2009
56. Schenarts PJ, Meara MP. Invited Commentary: the next generation of surgeons is more similar to previous generations than commonly thought. American Journal of Surgery. 198 : 150-151. 2009
57. Newell MA, Rotondo MF, Toshlog EA, Waibel BH, Sagraves SG, Schenarts PJ, Bard MR, Goettler CE. The elderly trauma patient: An investment for the future?. Journal of Trauma - Injury, Infection and Critical Care. 67 : 337-340. 2009
58. Rotondo MF, Bard MR, Sagraves SG, Toshlog EA, Schenarts PJ, Goettler CE, Newell MA, Robertson MJ. What price commitment: what benefit? The cost of a saved life in a developing level I trauma center. The Journal of trauma. 67 : 915-923. 2009
59. Schlitzkus LL, Agle SC, McNally MM, Schenarts KD, Schenarts PJ. What Do Surgical Nurses Know About Surgical Residents?. Journal of Surgical Education. 66 : 383-391. 2009
60. Schenarts PJ, Schlitzkus LL, Goettler CE. Editorial: Is resident education a casualty or beneficiary of rapid response systems?. Critical Care Medicine. 37 : 3180-3181. 2009
61. Schenarts P. Proceedings of the 2009 Annual Meetings of the Association for Surgical Education. Teaching and learning in medicine. 2010; p. 68-73. 1040-1334
62. Clayton CS; Schenarts PJ; Sagraves SG. Treatment of traumatic hemisection of the female pelvis with one year follow up. The American surgeon. 2010; Vol. 76 (8): p. 116-117. 0003-1348
63. Schlitzkus LL, Schenarts KD, Schenarts PJ. Is your residency program ready for generation Y?. Journal of Surgical Education. 67 : 108-111. 2010
64. Newell MA, Schlitzkus LL, Waibel BH, White MA, Schenarts PJ, Rotondo MF. "Damage control" in the elderly: Futile endeavor or fruitful enterprise?. Journal of Trauma - Injury, Infection and Critical Care. 69 : 1049-1053. 2010
65. Meara MP, Schlitzkus LL, Witherington M, Haisch C, Rotondo MF, Schenarts PJ. Surgical resident education: What is the department's price for commitment?. Journal of Surgical Education. 67 : 427-431. 2010
66. Schlitzkus LL, Schenarts KD, Schenarts PJ. Is your residency program ready for generation Y?. Journal of Surgical Education. 67 : 108-111. 2010



67. Schenarts PJ, Cohen KC. The leadership vacuum in resuscitative medicine. *Critical Care Medicine*. 38 : 1216-1217. 2010
68. Goettler CE, Waibel BH, Goodwin J, Watkins F, Toschlog EA, Sagraves SG, Schenarts PJ, Bard MR, Newell MA, Rotondo MF. Trauma intensive care unit survival: How good is an educated guess?. *Journal of Trauma - Injury, Infection and Critical Care*. 68 : 1279-1287. 2010
69. Claydon CS, Schenarts PJ, Sagraves SG. Acute management of traumatic hemi-section of the female pelvis with one-year follow-up. *American Surgeon*. 76 : E116-E117. 2010
70. Newell MA, Schlitzkus LL, Waibel BH, White MA, Schenarts PJ, Rotondo MF. "Damage control" in the elderly: Futile endeavor or fruitful enterprise?. *Journal of Trauma - Injury, Infection and Critical Care*. 69 : 1049-1053. 2010
71. Meara MP, Schlitzkus LL, Witherington M, Haisch C, Rotondo MF, Schenarts PJ. Surgical resident education: What is the department's price for commitment?. *Journal of Surgical Education*. 67 : 427-431. 2010
72. Schenarts P; Meara MP; Waibel BH. A resident's guide to persuading those who judge you at the surgical M&M. *Surgery: Research*. 2011
73. Schenarts PJ, Termuhlen PM, Pasley J, Rose JS, Friedell ML. A primer on how to select osteopathic applicants to an allopathic general surgery residency. *Journal of Surgical Education*. 68 : 239-245. 2011
74. Rose JS, Waibel BH, Schenarts PJ. Disparity between resident and faculty surgeons' perceptions of preoperative preparation, intraoperative teaching, and postoperative feedback. *Journal of Surgical Education*. 68 : 459-464. 2011
75. Schlitzkus LL, Clark CJ, Agle SC, Schenarts PJ. A six year head-to-head comparison of osteopathic and allopathic applicants to a university-based, allopathic general surgery residency. *Journal of Surgical Education*. 69 : 699-704. 2012
76. Schenarts PJ, Schenarts KD. Educational impact of the electronic medical record. *Journal of Surgical Education*. 69 : 105-112. 2012
77. Rose JS, Waibel BH, Schenarts PJ. Resident perceptions of the impact of paging on intraoperative education. *American Surgeon*. 78 : 642-646. 2012
78. Schenarts PJ, Goettler CE, White MA, Waibel BH. An objective study of the impact of the electronic medical record on outcomes in trauma patients. *American Surgeon*. 78 : 1249-1254. 2012
79. Schlitzkus LL, Clark CJ, Agle SC, Schenarts PJ. A six year head-to-head comparison of osteopathic and allopathic applicants to a university-based, allopathic general surgery residency. *Journal of Surgical Education*. 69 : 699-704. 2012
80. Carson J; Johnson E; Schenarts P; Langenfeld, S; Azarow K; Mercer DW; Thompson JS; Are C. The influence of dedicated research time during general surgery residency on ABSITE and Board exam performance. *J Am Coll Surg*. 2013; Vol. 217 (3): p. S117
81. Carson J; Johnson E; Smith K; Schenarts P; Langenfeld, S; Azarow K; Mercer DW; Thompson JS; Are C. National trends in endoscopy experience for graduating general surgery chief residents. *J Am Coll Surg*. 2013; Vol. 217 (3): p. S117
82. P.J. Schenarts; Kristin Flowers. Too many excuses for not teaching in the operating room and one simple solution: Faculty feedback. *JAMA Surgery*. 148 : 923. 2013
83. Lisa L. Schlitzkus; Paul J. Schenarts; Kimberly D. Schenarts. It was the night before the interview: Perceptions of resident applicants about the preinterview reception. *Journal of Surgical Education*. 70 : 750-757. 2013
84. Paul J. Schenarts; Mandy R. Maness; John R. Pender. Incarcerated paraesophageal hernia. *Common Problems in Acute Care Surgery*. 203-210. 2013
85. Lisa L. Schlitzkus; Paul J. Schenarts; Kimberly D. Schenarts. It Was the Night Before the Interview: Perceptions of Resident Applicants about the Preinterview Reception. *Journal of Surgical Education*. 2013
86. Wilson KL, Schenarts PJ, Bacchetta MD, Rai PR, Nakayama DK. Pediatric trauma experience in a combat support hospital in Eastern Afghanistan over 10 months, 2010 to 2011. *American Surgeon*. 79 : 257-260. 2013
87. Schenarts P; Melin A. The Program Director's Dilemma. *Journal of Graduate Medical Education*. 2014; Vol. 6 (2): p. 351-352
88. Mark L. Friedell; Thomas J. VanderMeer; Michael L. Cheatham; George M. Fuhrman; Paul J. Schenarts; John D. Mellinger; Jon B. Morris. Perceptions of Graduating General Surgery Chief Residents: Are They Confident in Their Training?. *Journal of the American College of Surgeons*. 2014

89. Mark L. Friedell; Thomas J. Vandermeer; Michael L. Cheatham; George M. Fuhrman; Paul J. Schenarts; John D. Mellinger; Jon B. Morris. Perceptions of graduating general surgery chief residents: Are they confident in their training?. *Journal of the American College of Surgeons*. 218 : 695-703. 2014
90. Paul J. Schenarts; Charity Evans. The eye of the master. *American Journal of Surgery*. 2014
91. Sean J. Langenfeld; Gates Cook; Craig Sudbeck; Thomas Luers; Paul J. Schenarts. An Assessment of Unprofessional Behavior Among Surgical Residents on Facebook: A Warning of the Dangers of Social Media. *Journal of Surgical Education*. 2014
92. Paul J. Schenarts; Charity Evans. The eye of the master. *American Journal of Surgery*. 208 : 178-179. 2014
93. Sean J. Langenfeld; Gates Cook; Craig Sudbeck; Thomas Luers; Paul J. Schenarts. An assessment of unprofessional behavior among surgical residents on facebook: A warning of the dangers of social media. *Journal of Surgical Education*. 71 : e28-e32. 2014
94. Schenarts P; Evans CH. The Eye of the Master. *American journal of surgery*. 2014 Feb; p. 178-9
95. Lowe JJ; Jelden KC; Schenarts PJ; Rupp LE; Hawes KJ; Tysor BM; Swansig RG; Schwedhelm SS; Smith PW; Gibbs SG. Considerations for safe EMS transport of patients infected with Ebola Virus. *Prehospital emergency care : official journal of the National Association of EMS Physicians and the National Association of State EMS Directors*. 2014 Oct; 1090-3127
96. martin r; schenarts pj. Surgical Training and the Workforce. *Surgical Clinics of North America*. 2015
97. lowe jj; jelden kc; schenarts pj; rupp le; hawes kj; tysor bm; swansig rg; schwedhelm ss; smith pw; gibbs sg. Considerations for safe EMS transport of patients infected with Ebola. *Journal of Emergency Care*. 2015; p. 179-183
98. Lisa L. Schlitzkus; Alyson A. Melin; Jason M. Johanning; Paul J. Schenarts. Perioperative Management of Elderly Patients. *Surgical Clinics of North America*. 2015
99. Paul J. Schenarts. Perioperative Management. *Surgical Clinics of North America*. 2015
100. Lisa L. Schlitzkus; Alyson A. Melin; Jason M. Johanning; Paul J. Schenarts. Perioperative Management of Elderly Patients. *Surgical Clinics of North America*. 95 : 391-415. 2015
101. Paul J. Schenarts. Preface: Perioperative management. *Surgical Clinics of North America*. 95 : xv-xvi. 2015
102. Charity Evans; Paul J. Schenarts. No one has ever drowned in sweat. *American Journal of Surgery*. 210 : 173-174. 2015
103. Jason W. Kempenich; Ross E. Willis; Robert Rakosi; John Wiersch; Paul Joseph Schenarts. How do Perceptions of Autonomy Differ in General Surgery Training Between Faculty, Senior Residents, Hospital Administrators, and the General Public? A Multi-Institutional Study. *Journal of Surgical Education*. 2015
104. Sean J. Langenfeld; Craig Sudbeck; Thomas Luers; Peter Adamson; Gates Cook; Paul J. Schenarts. The Glass Houses of Attending Surgeons: An Assessment of Unprofessional Behavior on Facebook Among Practicing Surgeons. *Journal of Surgical Education*. 2015
105. Ronald F. Martin; Paul J. Schenarts. Development of a Surgeon. *Surgical Clinics of North America*. 96 : xv-xvi. 2016
106. Paul J. Schenarts; Samuel Cemaj. The Aging Surgeon. *Surgical Clinics of North America*. 96 : 129-138. 2016
107. isakov a; schenarts pj. Example: Standard Operating Procedure (SOP) for Patient Handoff between a Healthcare Facility and a Transporting Ambulance. *Centers for Disease Control White Paper*. 2016 Feb
108. isakov a; schenarts pj. Example: Standard Operating Procedure (SOP) for Air-to-Ground (Air-Ground) Patient Handoff. *Centers for Disease Control White Paper*. 2016 Feb
109. lowe j; schenarts pj. Example: Standard Operating Procedure (SOP) for Decontamination of an Ambulance that has Transported a Person under Investigation or Patient with Confirmed Ebola. *Centers for Disease Control White Paper*. 2016 Feb
110. Richard Damewood; Jon B. Morris; John Mellinger; Mark L. Friedell; Karen R. Borman; Daniel L. Dent; Paul J. Schenarts; Benjamin T. Jarman. Association of Program Directors in Surgery Position Response to ACGME for Position on Accreditation Requirements. *Journal of Surgical Education*. 73 : 363-369. 2016

## **B. ARTICLES ACCEPTED FOR PUBLICATION IN SCHOLARLY JOURNALS**

1. schenarts pj; cemaj s. The Aging Surgeon: Implications for the Workforce, The Surgeon and The Patient. Surgical Clinics of North America. 2015 May

## **C. ARTICLES SUBMITTED FOR PUBLICATION IN SCHOLARLY JOURNALS**

1. Schenarts PJ; Langenfeld, S; Evans CH. A Program Director's Guide to Resident Dismissal. Journal of surgical education. 2014 Mar; 1931-7204

## **D. BOOKS PUBLISHED, IN PREPARATION, SUBMITTED OR IN PRESS**

1. schenarts pj. OFD-EMS Protocol Book. 4th. Omaha Fire Department; 2015

## **E. CHAPTERS IN BOOKS**

1. Schenarts P; Traber DL. Intensivmedizin 1995. Stuttgart, NY: Springer-Verlag; 1995. The lung: An undrained abscess?; 122-131
2. Schenarts P; Traber DL. Pulmonary Blood Flow in the Intensive Care Unit. London: WB Saunders; 1996. Interaction between vasodilating substances and lung function; 33-55
3. Cushing BM; Schenarts PJ; Rutstein LA. Surgery. London, UK: Mosby; 2001. Initial evaluation and resuscitation in trauma
4. Schenarts PJ; Morris JA. Clinician's Pocket Reference, "The Scut Monkey Handbook". 9. Stamford, CT: Appleton & Lange; 2001. Critical Care
5. Schenarts PJ. Emergency War Surgery Atlas. Borden Institute; 2006. Umbrella Effects of Landmines
6. Schenarts PJ; Robinson DW. Trauma Atlas. Borden Institute Publishing; 2006. Initial Control and Treatment of Left Subclavian Artery Gunshot Wound
7. Schenarts PJ. Surgery: A Competency-Based Companion. Saunders Elsevier; 2006. Competencies Under Fire: The Iraq Experience - Do Competencies Apply in the War Zone?
8. Schenarts PJ; Hopkins MA. Surgery: A Competency-Based Companion. Saunders Elsevier; 2006. The Art of Oral Presentation
9. Schenarts PJ. War Surgery in Afghanistan and Iraq: A Series of Cases, 2003-2007. Washington, DC: Office of the Surgeon General; 2008. Umbrella effect of landmine blasts; 292-296
10. Schenarts PJ; Robinson D. War Surgery in Afghanistan and Iraq: A Series of Cases, 2003-2007. Washington, DC: Office of the Surgeon General; 2008. Initial management of left subclavian gunshot wound; 350-352
11. Schenarts PJ. War Surgery in Afghanistan and Iraq: A Series of Cases, 2003-2007. Washington, DC: Office of the Surgeon General; 2008. Traumatic below knee amputation; 286-291
12. Schenarts PJ. War Surgery in Afghanistan and Iraq: A Series of Cases, 2003-2007. Washington, DC: Office of the Surgeon General; 2008. 425
13. Schenarts KD; Schenarts PJ. SURGERY: A Competency-Based Companion. Elsevier; 2008. Introduction to the Competencies
14. Schenarts KD; Schenarts PJ. SURGERY: A Competency-Based Companion. Elsevier; 2008. How to Succeed on the Surgical Clerkship
15. Schenarts PJ; Tisherman S; Daley B; Wohltmann C. Essentials of General Surgery. 5. Philadelphia, PA: Lippincott Williams & Wilkins; 2010. Surgical Critical Care
16. Schenarts PJ; Maness M; Pender J. Common Problems in Acute Care Surgery. Warrington, PA: Springer Publishing; 2013. Paraesophageal Hernia; 203-210
17. Schenarts PJ. Surgical Clinics of North America. Elsevier; 2014. Perioperative Management
18. schenarts pj. Surgery: Core Principles and Practice. 2nd. Philadelphia, PA: Jaypee Medical Publishers; 2015. Initial Trauma Evaluation and Resuscitation

## **F. BOOKS OR JOURNALS EDITED**

### **BOOKS EDITED**

1. Schenarts PJ; Rotondo MF, Editors. The Richard E. Dean ABSITE Review Manual, Junior Resident Edition. East Carolina Press; 2007
2. Schenarts PJ; Rotondo MF, Editors. The Richard E. Dean ABSITE Review Manual, Senior Resident Edition. East Carolina Press; 2007
3. Schenarts PJ; Rotondo MF, Editors. The Richard E. Dean ABSITE Review Manual, Junior Resident Edition. East Carolina Press; 2008
4. Schenarts PJ; Rotondo MF, Editors. The Richard E. Dean ABSITE Review Manual, Senior Resident Edition. East Carolina Press; 2008
5. Schenarts PJ; Rotondo MF, Editors. The Richard E. Dean ABSITE Review Manual, Junior Resident Edition. East Carolina Press; 2009
6. Schenarts PJ; Rotondo MF, Editors. The Richard E. Dean ABSITE Review Manual, Senior Resident Edition. East Carolina Press; 2009
7. Schenarts PJ; Rotondo MF, Editors. The Richard E. Dean ABSITE Review Manual, Junior Resident Edition. East Carolina Press; 2010
8. Schenarts PJ; Rotondo MF, Editors. The Richard E. Dean ABSITE Review Manual, Senior Resident Edition. East Carolina Press; 2010
9. Schenarts PJ; Rotondo MF, Editors. The Richard E. Dean ABSITE Review Manual, Junior Resident Edition. East Carolina Press; 2011
10. Schenarts PJ; Rotondo MF, Editors. The Richard E. Dean ABSITE Review Manual, Senior Resident Edition. East Carolina Press; 2011

## **G. ABSTRACTS AND PRELIMINARY COMMUNICATIONS**

1. Booke M; Bradford DW; Meyer J; Pollard V; Conroy B; Bone HG; Schenarts PJ; Traber DL. Measurement of regional myocardial and cerebral blood flow: radioactive versus colored microspheres. FASEB. 1995, Vol. 9
2. Schenarts PJ; Kikuchi Y; Bradford DW; Schmalstieg FC; Traber DL. A non-anticoagulant heparinoid (GM1892) prevents increase in lung lymph flow after smoke inhalation injury. FASEB. 1995, Vol. 9(3): A416
3. Schenarts PJ; Holmes KR; Traber LD; Traber DL. Non-anticoagulant heparinoid and the acute lung injury associated with smoke. Shock Supp. 1995, Vol. 3: A194
4. Schenarts PJ; Kikuchi Y; Schmalstieg FC; Herndon DN; Traber LD; Traber DL. Role of L-selectin in the lung damage associated with injury. Shock Supp. 1995, Vol. 3: A24
5. Bone HG; Traber LD; Schenarts PJ; Spaulding T; Traber DL. Hemodynamic effects of pyridoxalated hemoglobin polyoxyethylene conjugate (PHP) in conscious sheep during septic shock. Anesthesiology. 1995, Vol. 83(3A): A232
6. Bone HG; Sakurai H; Traber LD; Harper D; Schenarts PJ; Traber DL. Pulmonary function after infusion of modified hemoglobin in septic sheep. Anesth Analg. 1996, Vol. 82(2S): S40
7. Schenarts PJ; Bone HG; Cindrink LL; Traber LD; Traber DL. Pancreatic blood flow after acute lung injury and sepsis in sheep. Critical Care Medicine. 1996, Vol. 24(1): A87
8. Schenarts PJ; Hawkins H; Schmalstieg FC; Traber LD; Traber DL. Effect of L-selectin antibody on pulmonary morphology after smoke inhalation in sheep. Critical Care Medicine. 1996, Vol. 24(1): A80
9. Schenarts PJ; Traber LD; Bone HG; Schmalstieg FC; Traber DL. Effect of porcine heparin on oxygenation and pulmonary transvascular fluid flux after smoke inhalation in sheep. Critical Care Medicine. 1996, Vol. 24(2): A89
10. Shin C; Schenarts PJ; Harper D; Traber LD; Hawkins H; Traber DL. Heparin prevents neutrophil infiltration but not tubular damage after renal ischemia-reperfusion injury in sheep. Anesthesia & Analgesia. 1996, Vol. 82(2S): S406
11. Bone HG; Booke M; Schenarts PJ; OConner M; Traber LD; Traber DL. Comparison of different doses of pyridoxalated hemoglobin polyethylene conjugate in the treatment of hyperdynamic sepsis. Critical Care Medicine. 1996, Vol. 24(1): A27
12. Cindrink L; Schenarts PJ; OConner M; Traber LD; Traber DL. Airway nebulization of a non-anticoagulant heparinoid (GM1892) attenuates cardiovascular depression following inhalation injury. Shock Supp. 1996
13. Bone HG; Schenarts PJ; Fischer S; Booke M; Traber LD; Traber DL. Modified hemoglobin reduces catecholamine requirements in an ovine model of septic shock. Shock Supp. 1996
14. Schenarts PJ; Schmalstieg FC; Traber LD; Bone HG; Herndon DN; Traber DL. Effect of an L-selectin antibody on the pulmonary and systemic manifestations of smoke inhalation of sheep. Proc Amer Burn Association. 1996, Vol. 28:131

15. Schenarts PJ; Bone HG; Kramer G; Pollard V; Meyer J; Cindrick L; Traber DL. Radioactive versus colored microspheres in the determination of regional blood flow in sheep. FASEB. 1996, Vol. 10(3): A57
16. Cindrick L; Schenarts PJ; Bone HG; Traber LD; Herndon D; Traber DL. Nebulization of a non-anticoagulant heparinoid (GM1892) attenuates lung lymph flow after acute lung injury in sheep. FASEB. 1996, Vol. 10(3): A353
17. Sagraves SG; Fugo J; Bard MR; Goettler CE; Schenarts PJ; Toschlog EA; Newell MA; Bowel J; Rotondo MF. Beta blockade: Is it Safe in Elderly Trauma Patients?. Critical Care Medicine. 2005 Dec , Vol. 33(12): A41
18. Schenarts PJ; Toschlog EA; Bard MR; Sagraves SG; Goettler CE; Newell MA; Rotondo MF. Surgical Resident Perceptions of Trauma/Critical Care Surgeons. Critical Care Medicine. 2005 Dec , Vol. 33(12): A71
19. Goettler CE; Briggs S; Bard MR; Toschlog EA; Sagraves SG; Schenarts PJ; Newell MA; Rotondo MF. High-Frequency Oscillatory Ventilation (HFOV) as a Rescue Maneuver for Adult Respiratory Distress Syndrome (ARDS) in Trauma Patients. Critical Care Medicine. 2005 Dec , Vol. 33(12): A115
20. Toschlog EA; Allen N; Briggs S; Bard MR; Schenarts PJ; Goettler CE; Sagraves SG; Newell MA; Rotondo MF. Cefepime Continuous Infusion (CTI) versus Conventional Dosing (CVD) for Ventilator Associated Pneumonia (VAP). Critical Care Medicine. 2005 Dec , Vol. 33(12): A171
21. Toschlog EA; Rotondo MF; Briggs S; Sagraves SG; Schenarts PJ; Bard MR; Goettler CE; Newell MA. Intensive Care Unit (ICU) Bedside Surgery: A Cost Effective Approach. Critical Care Medicine. 2005 Dec , Vol. 33(12): A175
22. Are C; Mellinger J; Schenarts P. Avoidance and early detection of the problem resident. Association of Program Directors in Surgery; San Diego, CA. 2012

#### **H. PUBLISHED AUDIOVISUAL OR COMPUTER-BASED EDUCATIONAL MATERIALS AND COMPUTER SOFTWARE**

Not Applicable

#### **I. PUBLISHED CONTINUING EDUCATION MATERIALS**

1. Schenarts PJ. Trauma Rotation Syllabus, 3rd Year General Surgery Surgery Clerkship. Greenville, NC. 2002 Mar
2. Schenarts PJ. Trauma Rotation Curriculum, 2nd Year Physician's Assistant Program. Greenville, NC. 2002 Mar
3. Schenarts PJ; Pofahl, W. General Surgery Course Curriculum, Physician Assistant. Greenville, NC. 2002 Apr
4. Schenarts PJ. General Surgery Clerkship Syllabus. Greenville, NC. 2002 Jun
5. Schenarts PJ. Trauma & Surgical Critical Care Curriculum. Greenville, NC. 2005 Aug
6. Evans CH; Goede M; Schenarts PJ; Cemaj S; Buesing KEELY; Miserlis D; Peterson K; McWilliams K. University of Nebraska Acute Care Surgery Manual. Omaha, NE. 2014 Jun

#### **J. EDITORIALS**

1. Schlitzkus LL; Schenarts PJ; Rotondo MF. Personal Achievement and Team Success: Where is the Balance Point?. FOCUS on Surgical Education. 2007; Vol. Fall: p. 19-22. [Editorial]

#### **K. CONFERENCE PROCEEDING**

Not Applicable

## COMMUNITY SERVICE

2013 - Present	Chairman, EMS Leadership Committee, Omaha Fire Department, City of Omaha
2014 - Present	Physician Medical Director, Omaha Fire Department, City of Omaha
2014 - Present	Ebola Emergency Response Team, Omaha Fire Department, City of Omaha
2015 - Present	EMS Committee, Omaha Fire Department, City of Omaha

## EDUCATION/TEACHING ACTIVITY

### A. ADDITIONAL INSTRUCTION

Formal Research Mentoring Harvard University Harvard College Future Surgeons Mentoring Program 2015 - Present

#### Formal Research Mentoring

Eastern Association for the Surgery of Trauma Mentoree: Jason Young, MD; Vanderbilt University; Instructor, Department of Surgery; Senior Faculty Mentorship Program 2015 - 2016  
Harvard University Harvard College Future Surgeons Mentoring Program 2015 - 2016  
Eastern Association for the Surgery of Trauma Senior Faculty Mentoring Program 2015 - Present  
Surgical Education & Trauma Surgery East Carolina University Mentoree: Joel S. Rose, MD; Area of Research: Surgical Education & Trauma Surgery 2010 - 2011  
Surgical Education & Trauma Surgery East Carolina University Mentoree: Lisa Schlitzkus, MD; East Carolina University, School of Medicine; Area of Research: Surgical Education & Trauma Surgery 2008 - 2009  
Surgical Education Research Fellowship Association for Surgical Education Mentoree: AJ Copeland, MD; Uniformed Services Health Sciences University; Area of Research: Educational Preparation of Medical Students for Military Deployment 2011 - 2013  
Surgical Education Research Fellowship Association for Surgical Education Mentoree: Jason Kemenick, MD; Keesler AFB; General Surgery Residency; Area of Research: How do Perceptions of Autonomy Differ in General Surgery Training between Residents, Faculty, Hospital Admins & the General Public: A Multi-Institutional Study 2013 - 2015  
Surgical Education Research Fellowship Association for Surgical Education Mentoree: Nicholas Hamilton, MD; Washington University, School of Medicine; Area of Research: Use of Simulation in Pediatric Trauma Resuscitation 2009 - 2010  
Trauma Undergraduate Research Program University of Nebraska Medical Center Mentoree: Kent Blachford; Michigan State University; Area of Research: Differences Between Day-Time and Night-Time ICU Transfers 2014 - 2014

#### Formal Research Mentoring Shock-Trauma

University of Maryland Mentoree: Mayur Narahan, MD, FACS, Assistant Professor 2015 - Present

#### Formal Research Mentoring, Surg Research Fellow

Association for Surgical Education Mentoree: Rondi Gelbard, MD; Emory University; Area of Research: Learning decay in breast cancer. Surgical Education Research Fellowship 2015 - 2016

**CURRICULUM VITAE**  
**Chris A Cornett, MD**

**CAMPUS ADDRESS:** Department of Orthopaedic Surgery  
985640 Nebraska Medical Center  
Omaha, NE 68198-5640  
Phone: (402) 559-5626  
Email: [chris.cornett@unmc.edu](mailto:chris.cornett@unmc.edu)

**EDUCATION**

1993 - 1997	BS, Biology, UNL
1998 - 2001	MPT, Physical Therapy, UNMC
2001 - 2005	MD, Medicine, UNMC

**POST DEGREE TRAINING**

07/2005 - 05/2010	Internship and Residency, Orthopaedic Surgery, University of Wisconsin, Madison
08/2010 - 08/2011	Fellowship, Spine Surgery, University of Pittsburgh Medical Center, Pittsburgh, PA

**CONTINUING EDUCATION AND TRAINING**

2005 - 2005	Wisconsin Orthopaedic Society Meeting, Madison, WI
2006 - 2006	AO Basic Trauma Course, Chicago, IL
2007 - 2007	OTA Advanced Trauma Course, Chicago, IL
2007 - 2007	AONA Basic Arthroscopy Course, Chicago, IL
2008 - 2008	AO Principles and Treatment of Spinal Disorders, Baltimore, MD
2009 - 2009	AOA Annual Meeting, Ft. Myers, FL
2009 - 2009	AOA-OREF Resident Leadership Forum, selected position, Ft. Myers, FL
2010 - 2010	AAOS Annual Meeting, New Orleans, LA
2010 - 2010	Cervical Spine Research Society Annual Meeting, Charlotte, NC
2011 - 2011	Spine International Education Program Meeting, Miami, FL
2011 - 2011	Cervical Spine Research Society Annual Meeting, Scottsdale, AZ
2012 - 2012	AAOS Annual Meeting, San Francisco, CA
2012 - 2012	Cervical Spine Research Society Annual Meeting, Chicago, IL
2013 - 2013	AAOS Annual Meeting, Chicago, IL
2014 - 2014	AAOS Annual Meeting, New Orleans, LA

**ACADEMIC APPOINTMENTS**

2017 - Present	Associate Professor, Department of Orthopaedic Surgery, University of Nebraska Medical Center, Omaha, NE
2011 - 2017	Assistant Professor, Department of Orthopaedic Surgery, University of Nebraska Medical Center, Omaha, NE

## **CERTIFICATIONS AND LICENSES**

Present	USMLE Step 1 Passed
Present	USMLE Step 2 Passed
Present	USMLE Step 3 Passed
Present	Oral Boards - Step II Passed
Present	Written Boards - Step 1 Passed
2005	PT License, State of Nebraska Physical Therapy License expired
2006 - 2011	Medical License, State of Wisconsin License of Medicine and Surgery
2011 - Present	Medical License, State of Nebraska Medical License 26078
2013 - Present	American Board of Orthopaedic Surgery Board Certified

## **GRANTS AND CONTRACT SUPPORT**

### **NON-SPONSORED / OUTSIDE GRANTS INFORMATION**

#### **Completed**

Title:	Resident Journal Club Grant
Funding Agency:	Resident Journal Club
Institution:	Orthopaedic Research & Education Foundation
Project Period:	2009 - 2010
Total Dollars:	\$0
Direct Cost:	\$0
Role:	Recipient

## **OTHER APPOINTMENTS AND POSITIONS**

2013 - Present	Medical Director, Physical and Occupational Therapy, Nebraska Medical Center & Bellevue Medical Center, Omaha, NE, USA
2013 - Present	Department Deputy, One Chart, Orthopaedic Surgery, Omaha, NE
2015 - Present	One Chart Operational Owner, Nebraska Medicine, Omaha, NE
2015 - Present	Provider Advisory Group for Patient Experience, Nebraska Medicine, Omaha, NE
2017 - Present	Medical Director, Spine Program, Nebraska Medicine, Omaha, NE

## **CONSULTING POSITIONS**

2015 - Present	Consultant Reviewer, CORR
2015 - Present	Consultant Reviewer, Journal of Orthopaedic Research
2016 - Present	Consultant Reviewer, Pain Medicine

#### **Editorial**

2017 - Present	Board Member, Journal of Orthopaedics and Physical Therapy
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## HONORS AND AWARDS

### Local

1993 - 1997	Dean's List, UNL, Lincoln, NE, USA
1993 - 1997	Four-Year Regents Scholarship, UNL, Lincoln, NE, USA
1999 - 2001	Regents Scholarship, UNMC, School of Physical Therapy, Omaha, NE, USA
2002 - 2005	Regents Scholarship, UNMC, Omaha, NE, USA
2003 - 2004	Student Senate Member, UNMC, Omaha, NE, USA
2003 - 2004	Class of 1963 Distinguished Scholarship-Male, UNMC, Omaha, NE, USA
2004 - 2004	Alpha Omega Alpha-Nebraska, junior year, UNMC, Omaha, NE, USA
2004 - 2005	Alpha Omega Alpha Selection Committee, Student Member, UNMC, Omaha, NE, USA
2007 - 2010	Residency Education Committee, University of Wisconsin, Madison, WI, USA
2009 - 2010	Chief Orthopedic Resident, University of Wisconsin, Madison, WI, USA
2016	Outstanding Instructor Award, UNMC, Omaha, NE, USA
2017	Distinguished Alumni Award, Cambridge Public School, Cambridge, Nebraska

### National

1996	Golden Key National Honor Society, UNL, Lincoln, NE, USA
1996	Phi Beta Kappa National Honor Society, UNL, Lincoln, NE, USA
2009	AOA Resident Leadership Forum, elected participant, AOA, USA

## MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES

1998 - 2001	Member, National PT organization, American Physical Therapy Association
2001 - 2005	Member, National Medical Organization, American Medical Association
2001 - 2005	Member, National Medical Organization, American Academy of Family Physicians
2001 - 2005	Member, National Medical Student Organization, American Medical Student Association
2005 - Present	Member, National Medical Organization, American Academy of Orthopaedic Surgeons
2011 - Present	Member, National Medical Organization, North American Spine Society
2011 - 2015	Member, Regional medical organization, Metro Omaha Medical Society
2012 - Present	Member, Regional Medical Organization, Nebraska Orthopaedic Society
2012 - Present	Member, Regional Medical Organization, Nebraska Chapter of the American College of Surgeons
2014 - Present	Member, Regional Medical Organization, Mid-America Orthopaedic Association
2014 - Present	Active Fellow, National Medical Association, American Academy of Orthopaedic Surgeons

## **COMMITTEE ASSIGNMENTS**

### **College of Medicine**

2007 - 2010      Committee Member, University of Wisconsin Committee, U of W  
Residency Education Committee

### **Medical Staff**

2013 - Present      Committee Member, Physician Advisory Team, The Nebraska Medical  
Center

2013 - Present      Committee Member, OneTeam Clinical Enterprise Rehabilitation Team,  
The Nebraska Medical Center

2017 - Present      Committee Member, Surgical Services Operations Committee, Nebraska  
Medicine

### **National/International**

2004 - 2005      Selection Committee, Student Member, National Honor Medical Society,  
Alpha Omega Alpha

### **UNMC**

2016 - 2019      Member, Continuing Medical Education Committee, University of  
Nebraska Medical Center

### **University-Wide**

2018 - 2021      Faculty, Faculty Senate, University of Nebraska Medical Center

## **PRESENTATIONS**

1. Cornett CA. What Works in Spine. Occupational Health Seminar; 2012 June. Omaha, NE
2. Cornett CA. Spondylolisthesis/Stenosis. 2012 October. Excel PT - Omaha, NE
3. Cornett CA. Treatment Options for Today's Spine Patient. Union Pacific Northern Region Safety Summit; 2013 October. Omaha, NE
4. Cornett CA. Decision Making in Spine Surgery. Nebraska Self-Insurers Association Luncheon; 2013 June. Omaha, NE
5. Cornett CA. Treatment options for common spine conditions. Community outreach talk/education; 2013 April. Lincoln, NE
6. Cornett CA. Sorting Out a Work Injury: The Spine Perspective. Nebraska Orthopaedic Hospital Work Comp Lecture Series; 2014 March. Omaha, NE
7. Cornett CA. What You Should Know About Your Back. Lamp, Ryneerson & Associates Lunch and Learn; 2014 February
8. Cornett CA. Common Back Problems and General Treatment Options. Nebraska Orthopaedic Hospital Spine Pain Seminar; 2014 December. Omaha, NE
9. Cornett CA. Work Injuries of the Spine. Nebraska Association of Occupational Health Nurses Conference; 2014 October. Lincoln, NE
10. Cornett CA. Pathophysiology and Clinical Evaluation of Cervical Spondylotic Myelopathy - Spine Instructional Course Lecture. American Academy of Orthopaedic

- Surgeons Annual Meeting; 2014 March. New Orleans, LA
11. Vincent SA; Cornett CA. The Value of the On-Call Resident: A Multi-Center Prospective Evaluation of Resident Services and Billing. Resident Research Forum; 2014 November 21. Omaha, NE
  12. Cornett CA. Spine Injuries. Nebraska Safety Council Meeting; 2015 May. Omaha, NE
  13. Cornett CA. Pathophysiology and Clinical Evaluation of Cervical Spondylotic Myelopathy. Spine Instructional Course Lecture, American Academy of Orthopaedic Surgeons Annual Meeting; 2015 March. Las Vegas, NV
  14. Cornett CA. Surgical Management of Cervical Spondylotic Myelopathy. American Academy of Orthopaedic Surgeons Annual Meeting; 2016 March. Orlando, FL
  15. Cornett CA. Liposomal Bupivacaine in Degenerative Lumbar Spine Surgery - Poster. Mid-America Orthopaedic Association; 2016 April. Bonita Springs, FL
  16. Cornett CA. A Multicenter Prospective Assessment of the Value of Work Done by an Orthopaedic Resident during Call - Poster. Mid-America Orthopaedic Association; 2016 April. Bonita Springs, FL
  17. Cornett CA. Pathophysiology and Clinical Evaluation of Cervical Spondylotic Myelopathy. Spine Instructional Course Lecture, American Academy of Orthopaedic Surgeons Annual Meeting; 2016 March. Orlando, FL
  18. Davies J; Jackson JB; Bice M; Vincent S; Phelps K; Stotts A; Grabowski G; Cornett CA; Scannell B. A Multicenter Prospective Evaluation of the Value of the On Call Orthopaedic Resident - Paper Presentation. Southern Orthopaedic Association's Annual Meeting; 2016 July 27-30. Naples, FL
  19. Cornett CA; Vincent SA; Crow J; Hewlett A. Bacterial Spine Infections in Adults: Evaluation and Management - Poster. American Academy of Orthopaedic Surgeons Annual Meet; 2016 March. Orlando, FL
  20. Bice, M; Cornett, C; Davies, J; Grabowski, G; Jackson, J; Phelps, K; Scannell, B; Stotts, A; Vincent, S. A Multicenter Prospective Evaluation of the Value of the On-call Orthopaedic Resident - Paper. American Academy of Orthopaedic Surgeons Annual Meeting; 2017 March. San Diego, CA
  21. Cornett, C. Spine Surgery and Educational Planning. Cambridge Public Schools; 2017 April. Cambridge, NE
  22. Gannon EJ; Cornett CA; Larson EP; Lyden ER. The Efficacy of Liposomal Bupivacaine in Lumbar Spine Surgery. Lumbar Spine Research Society Annual Meeting; 2018 April 5. Chicago, IL
  23. Larson EP; Gannon EJ; Evans T; Lyden ER; Cornett CA. Does Prophylactic Administration of Tranexamic Acid Reduce Mean Operative Time and Postoperative Blood Loss in Posterior Approach Lumbar Spinal Fusion Surgery Performed for Degenerative Spinal Disease? - Poster Presentation. AAOS Annual Meeting 2019; 2019 March. Las Vegas, NV
  24. Larson EP; Gannon EJ; Evans T; Lyden ER; Cornett CA. Does Prophylactic Administration of Tranexamic Acid Reduce Mean Operative Time and Postoperative Blood Loss in Posterior Approach Lumbar Spinal Fusion Surgery Performed for Degenerative Spinal Disease? - Podium Presentation. Mid-America Orthopaedic Association Annual Meeting 2019; 2019 April. Miramar Beach, FL

## **PUBLICATIONS**

## A. ARTICLES PUBLISHED IN SCHOLARLY JOURNALS

1. Grabowski G; Cornett CA; Lee JY. Metastatic Lung Cancer Presenting during the Treatment Interval of an Acute Lumbar Disc Herniation: A Case Report. JBJS Case Connector. 2011; Vol. 1: p. 1-5
2. Braly B; Lunardini D; Cornett CA; Donaldson W. Operative Treatment of Cervical Myelopathy: Cervical Laminoplasty. Advances in Orthopedics. 2012
3. Grabowski G, Cornett CA, Kang JD. Esophageal and Vertebral Artery Injuries During Complex Cervical Spine Surgery-Avoidance and Management. Orthopedic Clinics of North America. 43: 63-74. 2012
4. Grabowski G; Whiteside W; Cornett CA. Cervical Laminoplasty and Posterior Cervical Fusion Devices for Cervical Stenosis. Medscape Journal of Medicine. 2012 Sep
5. Grabowski G, Cornett CA. Bone graft and bone graft substitutes in spine surgery: Current concepts and controversies. Journal of the American Academy of Orthopaedic Surgeons. 21: 51-60. 2013
6. Hong PS, Cornett CA. Left-sided inferior vena cava in anterior lumbar spine surgery. Spine J. 2014
7. Paul S. Hong; Chris A. Cornett. Left-sided inferior vena cava in anterior lumbar spine surgery. Spine Journal. 15: 1674-1675. 2015
8. Toy, JO; Cornett CA; Lee, JY. Cervical Spondylotic Myelopathy. UPMC Orthopaedic Surgery Grand Rounds Publication. 2016
9. Chris A. Cornett; Scott A. Vincent; Jordan Crow; Angela Hewlett. Bacterial Spine Infections in Adults: Evaluation and Management. Journal of the American Academy of Orthopaedic Surgeons. 24: 11-18. 2016
10. Cornett CA; Vincent SA; Crow, J; Hewlett A. Bacterial Spine Infections in Adults: Evaluation and Management. Journal of the American Academy of Orthopaedic Surgeons. 2016 Jan; Vol. 24 (1): p. 11-18
11. Cornett CA; Kang JD; Lee JY; et al. Surgical Management of Cervical Spondylotic Myelopathy. Instructional Course Lectures. 2017 Mar; American Academy of Orthopaedic Surgeons. Vol. 66
12. Evan Larson; Tyler Evans; Jake Long; Emmett Gannon; Elizabeth Lyden; Chris Alan Cornett. Does Prophylactic Administration of TXA Reduce Mean Operative Time and Postoperative Blood Loss in Posterior Approach Lumbar Spinal Fusion Surgery Performed for Degenerative Spinal Disease? Clinical Spine Surgery. 2018
13. Gannon EJ; Cornett CA; Larson EP; Lyden ER. The Efficacy of Liposomal Bupivacaine in Lumbar Spine Surgery. HSOA Journal of Surgery: Current Trends & Innovations. 2018 Feb; Vol. 2 (1): p. 1-7
14. Jackson JB III; Vincent SA; Phelps K; Cornett CA; Grabowski G; Scannell B; Stotts A; Bice M. A Prospective Multicenter Evaluation of the Value of the On-Call Orthopedic Resident. Journal of Graduate Medical Education. 2018 Feb; Vol. 10 (1): p. 91-94
15. J. Benjamin Jackson; Scott Vincent; James Davies; Kevin Phelps; Chris Cornett; Greg Grabowski; Brian Scannell; Alan Stotts; Miranda Bice. A Prospective Multicenter Evaluation of the Value of the On-Call Orthopedic Resident. Journal of graduate medical education. 10: 91-94. 2018

## **B. ARTICLES ACCEPTED FOR PUBLICATION IN SCHOLARLY JOURNALS**

Not Applicable

## **C. ARTICLES SUBMITTED FOR PUBLICATION IN SCHOLARLY JOURNALS**

Not Applicable

## **D. BOOKS PUBLISHED, IN PREPARATION, SUBMITTED OR IN PRESS**

Not Applicable

## **E. CHAPTERS IN BOOKS**

1. Cornett CA; Grabowski, G; Kang, J. Surgical Atlas of Spinal Operations. 1st. 23. New Dehli, India: Jaypee Brothers Medical Publishers, LTD; 2013. Posterior Cervical Fusion and Lateral Mass Screw Fixation; 176-186
2. Cornett CA; Grabowski GG; Kang JK. Textbook of the Cervical Spine. Elsevier Saunders; 2014. Chapter 20, Traumatic Arterial Injuries: Diagnosis and Management; 197-201
3. Grabowski GG; Cornett CA; Kang JK. Textbook of the Cervical Spine. Elsevier Saunders; 2014. Chapter 50, Vascular Injuries; 447-453
4. Grabowski G; Gilbert TM; Larson EP; Cornett CA. DeLee, Drez & Miller's Orthopaedic Sports Medicine Principles and Practice. 5th. Elsevier; 2019. Chapter 130, Degenerative Conditions of the Cervical and Thoracolumbar Spine; 1593-1604

## **F. BOOKS OR JOURNALS EDITED**

Not Applicable

## **G. ABSTRACTS AND PRELIMINARY COMMUNICATIONS**

1. Cornett CA; Anderson PA. Does the level of preoperative opioid use affect perioperative adverse events, pain control, patient satisfaction and length of hospital stay? NASS 2011 Annual Meeting; Chicago, IL. 2011 Nov
2. Grabowski GG; Cornett CA; Kang JK. Comparison of Adjacent Segment Degeneration in Isthmic and Degenerative Spondylolisthesis. NASS 2011 Annual Meeting; Chicago, IL. 2011 Nov

## **H. PUBLISHED AUDIOVISUAL OR COMPUTER-BASED EDUCATIONAL MATERIALS AND COMPUTER SOFTWARE**

1. Cornett CA; Kang JK. Multilevel Cervical Spondylotic Myelopathy - Online print pending [[www.spine-iep.com](http://www.spine-iep.com)] Educational Program for Spine. Magnif; Feb 2011. Internet Online Case Simulation for the Interactive Educational Program for Spine.

- Magnify Group
2. Cornett CA; Braly B; Donaldson WF. Posterior Cervical Decompression and Fusion - planned online print 11/2011. Orthopedic Knowledge Online; Nov 2011. Internet
  3. Cornett CA; Braly BA; Kang J; Donaldson WF III. Posterior Cervical Decompression and Fusion and Laminoplasty: Indications and Techniques [Orthopaedic Knowledge Online: [http://orthoportal.aaos.org/oko/abstract.aspx?article=OKO\\_SPI043](http://orthoportal.aaos.org/oko/abstract.aspx?article=OKO_SPI043)] American Academy of Orthopaedic Surgeons; Jan 2012. Internet

## **I. PUBLISHED CONTINUING EDUCATION MATERIALS**

Not Applicable

## **J. EDITORIALS**

Not Applicable

## **K. CONFERENCE PROCEEDING**

Not Applicable

## **COMMUNITY SERVICE**

2015 - Present	Member, Strategic Planning Committee, Bennington Public Schools
2013 - 2013	Orthopaedic Coverage, Figure Skating Championships, U.S. Championships
2012 - 2012	Orthopaedic Coverage, Olympic Swimming Trials, U.S. Olympics

## **EDUCATION / TEACHING ACTIVITY**

### **A. COURSES, TEAM TAUGHT**

#### **Pediatrics/Spine**

##### Instructor:

Mid-America Orthopaedic Association, Paper Presentation/Breakout Session #12 -  
Miramar Beach, FL April 2019

### **B. RESIDENCY/FELLOWSHIP**

##### Advisor:

Cervical Spine Trauma, University of Nebraska Medical Center, Spine Conference -  
Omaha, NE, 2012

#### **Back Pain, What You Need to Know**

University of Nebraska Medical Center, Family Medicine Board Review Course, 2013

#### **C-Spine Sawbones**

University of Nebraska Medical Center, Spine Conference - Omaha, NE, 2012



**Cervical Spine Trauma**

University of Nebraska Medical Center, Grand Rounds - Omaha, NE, 2011

**Cervical Spondylotic Myelopathy, Surgical Options**

University of Wisconsin Hospital and Clinics, Grand Rounds - Madison, WI, 2009

**Degenerative Cervical Stenosis**

University of Nebraska Medical Center, Grand Rounds - Omaha, NE, 2012

**Inferior Vena Cava Filters in Orthopedics**

University of Wisconsin Hospital and Clinics, Grand Rounds - Madison, WI, 2010

**Osteotomies for Sagittal Plane Deformities**

University of Nebraska Medical Center, Grand Rounds - Omaha, NE, 2013

**Pathophysiology of Cervical Myelopathy**

University of Nebraska Medical Center, Grand Rounds - Omaha, NE, 2014

**Revision Spine Surgery - A Reasonable Approach to Evaluation and Treatment**

University of Nebraska Medical Center, Grand Rounds - Omaha, NE, 2019

**Spine**

University of Nebraska Medical Center, Spine Conference - Omaha, NE, 2012

**Spine Infections**

University of Nebraska Medical Center, Grand Rounds - Omaha, NE, 2012

**Spine Trauma Evaluation**

University of Nebraska Medical Center, Spine Conference - Omaha, NE, 2013

**Spondylolisthesis**

University of Nebraska Medical Center, Spine Conference - Omaha, NE, 2012

**Surgical Approaches to the Elbow and Forearm**

University of Nebraska Medical Center, Grand Rounds - Omaha, NE, 2004

**Surgical Approaches to the Hand and Wrist**

University of Nebraska Medical Center, Grand Rounds - Omaha, NE, 2004

**Thoracolumbar Spine Trauma - Initial Evaluation and Management for Residents**

University of Nebraska Medical Center, Grand Rounds - Omaha, NE, 2011

**C. CONTINUING EDUCATION (CE) INSTRUCTION****Ankle Injuries**Director:

University of Wisconsin Hospital and Clinics, Trauma Conference - Madison, WI, 2009

**Cervical Myelopathy**

University of Wisconsin Hospital and Clinics, Spine Visiting Professorship, Case Presentations - Madison, WI, 2008

**Cervical Spondylotic Myelopathy**

University of Nebraska Medical Center - Orthopaedic Department, Guest Lecturer - Omaha, NE, 2009

**Common Cervical Spine Surgeries, Floor Management Issues**

University of Wisconsin Hospital and Clinics, Nursing Education - Madison, WI, 2009

**Common Lumbar Spine Surgeries, Floor Management Issues**

University of Wisconsin Hospital and Clinics, Nursing Education - Madison, WI, 2008

**Congenital Scoliosis and Idiopathic Adolescent Scoliosis**

University of Wisconsin Hospital and Clinics, Pediatric Visiting Professorship, Case

Presentations - Madison, WI, 2009

**Current Issues in Spine Surgery?**

Nebraska Orthopaedic Hospital, CME Presentation - Omaha, NE, 2012

**Hip Fractures, Tibial Plateau Fractures and Ankle Injuries**

University of Wisconsin Hospital and Clinics, Trauma Conference - Madison, WI, 2010

**Pathophysiology of Cervical Spondylotic Myelopathy**

American Academy of Orthopaedic Surgeons, ICL - 2014 Annual Meeting, New Orleans, LA, 2014

**Pediatric Hip Fractures and Dislocations**

University of Wisconsin Hospital and Clinics, Trauma Conference - Madison, WI, 2009

**Pre-Hospital Management of Spinal Injuries**

University of Nebraska Omaha, Emergency Care of the Athlete in a Pre-Hospital Setting, 2017

**Today's Spine Patient, A Nursing Prospective**

Nebraska Orthopaedic Hospital, Fall Forum - Omaha, NE, 2013

**Upper Cervical Spine Trauma**

University of Wisconsin Hospital and Clinics, Trauma Conference - Madison, WI, 2008

**D. FACULTY ADVISING/MENTORING**

**Neuroscience Rotation**

Other

University of Nebraska Medical Center, Pain fellow rotating once a week, Jan-Feb, 2016

University of Nebraska Medical Center, Pain fellow rotating once a week, Jan-Feb, 2017

University of Nebraska Medical Center, Pain fellow rotating once a week, Jan-Feb, 2018

**E. MEDICAL STUDENT TEACHING**

**M-ID 504 - MUSCULOSKELETAL & INTGMNT**

Lecture:

Orthopedic Spine Injuries, 1.00 hour, 12/07/2017

Orthopedic Spine Injuries, 1.00 hour, 12/05/2018

**M-ID 640 - HEMO/ONC/MS/SKIN/INF D**

Lecture:

FY2012 Detail, 0.25 hours, 06/30/2012

Spine, 0.25 hours, 04/09/2013

Spine, 0.25 hours, 04/08/2014

Spine, 0.25 hours, 04/07/2015

Spine, 0.25 hours, 04/05/2016



**CURRICULUM VITAE OF**  
**JOSEPH L. GRANT**

**PRESENT**

**EMPLOYMENT:** Independent Tire Analyst

**HOME ADDRESS:** 4201 Moss Creek Court  
Matthews, North Carolina 28105  
Phone 704 617 0336

**EDUCATION:** Bachelor of Science in Mechanical Engineering – June, 1971  
Fenn College of Engineering, Cleveland State University

**COURSES & SEMINARS:**

- Tire Society Symposium
- Akron Rubber Group
- Clemson University Tire Industry Conference (October, 1985 and 1986)
- Monsanto Rubber Technology Seminar (May, 1989)
- SAE Motor Vehicle Accident Reconstruction and Cause Analysis (March, 1993)
- International Tire Exposition and Conference
- Northwestern University Traffic Institute Accident Investigation (March, 1997)
- STL Trans Tech Tire Technology Seminar – 1999

**PROFESSIONAL ORGANIZATIONS:**

- Society of Automotive Engineers
- Akron Rubber Group
- Rubber Manufacturers' Association  
Chairman - Truck Bus Tire  
Engineering Committee (1986-1992)
- Tire & Rim Association
- The Maintenance Council of the American Trucking Association
- American Society of Mechanical Engineers
- Tire Industry Association
- American Chemical Society

**PUBLICATIONS:**

- 1) *"What makes a High Performance Tire Different than a Regular Tire"*  
Jan. 1986 - Akron Rubber Group  
Oct. 1986 - Clemson University Tire Industry Conference  
April 1987 - American Retreading Association
- 2) *"Rim Line Grooves as an Indicator of Underinflated or Overloaded Tire Operation in Radial Tires"* September 2004 – ITEC
- 3) *"X-Ray Study of Sixty (60) Worn Out Passenger & Light Truck Tires"*  
September 2012 – ITEC
- 4) *"Typical Manufacturing Conditions in Steel Belted Radial Tires: Do They Influence Tire Durability"* September 2016 - ITEC

**PATENTS:** Also Published – 2017 Tire Technology International Annual  
Method of Forming Belted Radial Tires from a Cylindrical Tire Band (1977)

**CURRICULUM VITAE OF**  
**JOSEPH L. GRANT**

<b><i>EMPLOYMENT:</i></b>	· June 1971 – Dec. 1994	The General Tire & Rubber Company
	· Jan., 1995 – April 2000	Continental General Tire, Inc.
	· May 2000 – Dec. 2005	Continental Tire, North America, Inc.
	· Jan. 2006 – Present	Independent Tire Analyst

***POSITIONS:***

- June, 1971                      Engineering Trainee, Tire Technology Department, Akron Tire Manufacturing Plant (Akron, Ohio).
  
- October, 1972                Project Engineer, Advanced Tire Development.  
Responsible for the Development of Advanced Concept Tire Products, including Fiberglass Belted Radial Passenger Tires and Advanced Bias Truck Tires (Akron, Ohio).
  
- October, 1978                Manager, Bias Passenger Car Tire Engineering Technology.  
Responsible for the Engineering Development Group for Bias Passenger Tires (Akron, Ohio)
  
- April, 1980                    Manager, Replacement and Private Brand Passenger Car Tire Engineering Technology.  
Responsible for the Engineering Development Group for Bias and Radial Passenger Tires (Akron, Ohio).
  
- March, 1987                   Section Manager, Radial Truck Tire Engineering.  
Responsible for the Engineering (Construction and Mold Design) Development Group for Radial Truck Tires (Akron, Ohio).
  
- September, 1988            Director, Commercial Tire Technology.  
Responsible for the Engineering (Construction and Mold Design) and Compound Development Groups for Commercial Products, including Bias and Radial Medium and Heavy Service Truck Tires and Giant, Farm and Industrial Tires (Akron, Ohio, September 1988 - March 1992) (Mt. Vernon, Illinois, April 1992 - December 1992).
  
- January, 1993                Director, Product Analysis.  
Responsible as company-wide consultant to assist other Departments on the subject of Tire Failure Analysis, Tire Performance Standards, and Safety Literature (Akron, Ohio, January 1993 - October, 1995) (Charlotte, North Carolina, November 1995 – January 2006).
  
- January, 2006                Independent Tire Analyst



Résumé of  
**GRAY BEAUCHAMP, M.S., P.E.**  
Principal Engineer

**Kineticcorp™**

6070 Greenwood Plaza Blvd., Suite 200  
Greenwood Village, Colorado 80111  
Tel: 303.733.1888  
Fax: 303.733.1902  
gbeauchamp@kineticcorp.com

**EXPERIENCE:** Principal Engineer, Senior Engineer, and Engineer, Kineticcorp, LLC, Denver, Colorado, April 2005 to Present  
Engineer, Knott Laboratory, Inc., Centennial, Colorado, January 2003 to March 2005

**EDUCATION:** **M.S. Mechanical Engineering**, University of Colorado, Denver, 2015  
**B.S. Mechanical Engineering**, Biomedical emphasis, University of Colorado, Boulder, 2002

**REGISTRATIONS:** Mr. Beauchamp is registered as a Professional Engineer in the State of Colorado. He is an accredited Traffic Accident Reconstructionist through the Accreditation Commission for Traffic Accident Reconstruction (ACTAR).

**ENGINEERING:** Mr. Beauchamp is an expert in traffic accident reconstruction, vehicle dynamics and driver response, and has investigated and reconstructed hundreds of vehicular accidents. Some specific examples of Mr. Beauchamp's experience are listed below:

- Mr. Beauchamp is an active member of the Society of Automotive Engineers (SAE). He is a peer reviewer for technical papers published in the rollover session, the accident reconstruction session, and in the Analysis, Synthesis, and Design of Advanced Suspensions session of SAE. He regularly presents his own research at the annual World Congress in Detroit Michigan.
- Mr. Beauchamp is an instructor for SAE's Reconstruction and Analysis of Rollover Crashes of Light Vehicles course. He has guest lectured on Accident Reconstruction at the Denver Police Department for officers training in the Level 3 Advanced Traffic Collision Investigation and Reconstruction Course. He has also guest lectured at the graduate level at the University of Colorado and Wayne State University.
- Mr. Beauchamp has performed full scale vehicle testing including rollover testing on a public highway in Utah, high speed tire disablement testing, high speed yaw testing and P.I.T (Pursuit Intervention Technique) testing with the Denver Police Department at their training facility in Denver, Colorado.
- Mr. Beauchamp specializes in single vehicle loss of control accidents. This includes both driver loss of control and vehicle rollovers. He has published numerous publications on these topics and has given lectures regarding these types of accidents.
- Mr. Beauchamp also specializes in heavy truck systems, including air brake systems, to determine their condition and relevance to an accident. He has completed numerous seminars on the topics of commercial vehicle accidents, air brake systems, and out-of-service criteria.
- Mr. Beauchamp analyzes occupant kinematics, including occupant motion and seat belt usage, in a variety of different accidents, including bus accidents and vehicle rollovers. He has also published with SAE on the topic of occupant ejection.
- Mr. Beauchamp has investigated accidents involving a variety of vehicles including tractor-trailers, buses, railway vehicles, farm equipment and animals, motorcycles, bicycles and passenger cars. Many of these accidents also involved pedestrians.
- Within the SAE, Mr. Beauchamp participated in the Accident Investigation and Reconstruction Practices Committee (AIRP) which drafted standards and recommendations regarding accident reconstruction. Additionally, he participated in three subcommittees within AIRP; the Critical Speed Taskforce, the EDR Working Group, and the Animation Committee.

**RESEARCH:** Mr. Beauchamp's current and past areas of research include rollover dynamics, crush energy analysis, vehicle handling, pneumatic tire disablement, and heavy truck braking. For his Master's Degree, Mr. Beauchamp's final project focused on how braking and steering inputs by the driver affect the specific tire marks that are deposited by a yawing vehicle. Several of Mr. Beauchamp's publications have been included in the SAE International Journal of Passenger Cars. As stated by SAE, "Only those outstanding and archival technical papers which either advance the state of the art or insightfully piece together prior research in ways which increase automotive understanding are selected for inclusion in this journal."<sup>1</sup>

**OTHER INTERESTS:** Mr. Beauchamp is a licensed motorcycle rider. He is an avid snowmobile rider, snow skier and mountain biker.

**PROFESSIONAL AFFILIATIONS:** SAE - Society of Automotive Engineers; The Tire Society; INCR - International Network of Collision Reconstructionists. NSPE – National Society of Professional Engineers.

<sup>1</sup> "SAE International Journal of Passenger Cars - Mechanical Systems – Electronic Version." *Books.sae.org*. SAE, May 2012. Web. 22 March 2013

**Gray Beauchamp, M.S., P.E.**  
*Principal Engineer*



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### **Books**

1. Rose, Nathan A., **Beauchamp, Gray**, Asay, Alan F., Rollover Accident Reconstruction, Society of Automotive Engineers, ISBN 978-0-07680-9372-8, 2019, <https://www.sae.org/publications/books/content/r-475/>.

### **Publications**

1. **Beauchamp, G.**, Pentecost, D., Koch, D., Bortles, W., "Speed Analysis of Yawing Passenger Vehicles Following Tire Tread Detachment," SAE Technical Paper 2019-01-0418, 2019.
2. Bortles, W., Koch, D., **Beauchamp, G.**, Pentecost, D., Rayburn, G., Hostetler, R., "Event Data Recorder Performance During High Speed Yaw Testing Subsequent to a Simulated Tire Tread Separation Event," SAE Technical Paper 2019-01-0634, 2019.
3. Koch, D., **Beauchamp, G.**, and Pentecost, D., "Deceleration Rates of Vehicles with Disabled Tires," SAE Technical Paper 2017-01-1427, 2017, doi:10.4271/2017-01-1427.
4. **Beauchamp, G.**, Pentecost, D., Koch, D., and Rose, N., "The Relationship Between Tire Mark Striations and Tire Forces," *SAE Int. J. Trans. Safety* 4(1):134-150, 2016, doi:10.4271/2016-01-1479.
5. **Beauchamp, G.**, Thornton, D., Bortles, W., and Rose, N., "Tire Mark Striations: Sensitivity and Uncertainty Analysis," *SAE Int. J. Trans. Safety* 4(1):121-127, 2016, doi:10.4271/2016-01-1468.
6. Rose, N., Carter, N., and **Beauchamp, G.**, "Post-Impact Dynamics for Vehicles with a High Yaw Velocity," SAE Technical Paper 2016-01-1470, 2016, doi:10.4271/2016-01-1470.
7. **Beauchamp, G.**, Koch, D. and Thornton, D. E., "A Comparison of 25 High Speed Tire Disablements Involving Full and Partial Tread Separations," *SAE Int. J. Trans. Safety* 1(2):2013, doi:10.4271/2013-01-0776.
8. Carter, N., **Beauchamp, G.**, Rose, N. A. "Comparison of Calculated Speeds for a Yawing and Braking Vehicle to Full-Scale Vehicle Tests," Paper Number 2012-01-0620, Society of Automotive Engineers, Warrendale, PA, 2012.
9. Rose, N. A., **Beauchamp, G.**, "A Variable Deceleration Rate Approach to Rollover Crash Reconstruction," *Collision Magazine*, Volume 5, Issue 1, Spring 2010.
10. **Beauchamp, G.**, Hessel, D., Rose, N. A., Fenton, S. J., "Determining Steering and Braking Levels from Yaw Mark Striations," *SAE Int. J. Passeng. Cars – Mech. Sys* 2(1):291-307 (SAE Paper Number 2009-01-0092), 2009.
11. Rose, N. A., **Beauchamp, G.**, "Development of a Variable Deceleration Rate Approach to Rollover Crash Reconstruction," *SAE Int. J. Passeng. Cars – Mech. Sys* 2(1):308-332 (SAE Paper Number 2009-01-0093), 2009.
12. Rose, N. A., **Beauchamp, G.**, "Analysis of a Dolly Rollover with PC-Crash," Paper Number 2009-01-0822, Society of Automotive Engineers, 2009.
13. Rose, N. A., **Beauchamp, G.**, Fenton, S. J., "The Influence of Vehicle-to-Ground Impact Conditions on Rollover Dynamics and Severity," 2008-01-0194, Society of Automotive Engineers, Warrendale, PA, 2008.

14. Rose, N. A., Fenton, S. J., **Beauchamp, G.**, “Analysis of Vehicle-to-Ground Impacts during a Rollover with an Impulse-Momentum Impact Model,” *SAE Int. J. Passeng. Cars – Mech. Sys.* **1**(1):105-123 (SAE Paper Number 2008-01-0178), 2008.
15. Funk, J. R., **Beauchamp, G.**, Rose, N. A., Fenton, S. J., Pierce, J., “Occupant Ejection Trajectories in Rollover Crashes: Full-Scale Testing and Real World Cases,” *SAE Int. J. Passeng. Cars – Mech. Sys.* **1**(1):43-54 (SAE Paper Number 2008-01-0166), 2008.
16. Rose, N. A., **Beauchamp, G.**, Fenton, S. J., “Factors Influencing Roof-to-Ground Impact Severity: Video Analysis and Analytical Modeling,” 2007-01-0726, Society of Automotive Engineers, Warrendale, PA, 2007.
17. Rose, N. A., **Beauchamp, G.**, Bortles, W., “Quantifying the Uncertainty in the Coefficient of Restitution Obtained with Accelerometer Data from a Crash Test,” 2007-01-0730, Society of Automotive Engineers, Warrendale, PA, 2007.
18. Rose, N. A., **Beauchamp, G.**, Fenton, S. J., “Restitution Modeling for Crush Analysis: Theory and Validation,” 2006-01-0908, Society of Automotive Engineers, Warrendale, PA, 2006.

#### **Technical Conferences and Seminars**

1. Society of Automotive Engineers World Congress, Detroit, Michigan, April 2016.
2. “Applying Automotive EDR Data to Traffic Crash Reconstruction,” Society of Automotive Engineers, Norwalk, CA, December 6-9, 2015.
3. “Advanced Vehicle Dynamics for Passenger Cars and Light Trucks,” Society of Automotive Engineers, Troy, Michigan, October 29-31, 2014.
4. Society of Automotive Engineers World Congress, Detroit, Michigan, April 2013.
5. “Human Factors in Traffic Crashes,” Presented by Jeff Muttart, Northwestern University, West Chester, Ohio, November 5 – 9, 2012.
6. Society of Automotive Engineers World Congress, Detroit, Michigan, April 2012.
7. “Crash Data Retrieval (CDR) Technician – Level 1,” Course Presented by William Bortles, Greenwood Village, Colorado, March 8, 2011.
8. “Crash Data Retrieval (CDR) Technician – Level 2,” Course Presented by William Bortles, Greenwood Village, Colorado, March 8, 2011.
9. Society of Automotive Engineers World Congress, Detroit, Michigan, April 2010.
10. “CVSA Seminar,” Colorado Motor Carriers Association, Denver, Colorado, August 27, 2009.
11. Society of Automotive Engineers World Congress, Detroit, Michigan, April 2009.
12. “2008 SAE Government/Industry Meeting,” Society of Automotive Engineers, Washington, DC, May 13, 2008.
13. “VBOX Product Training,” VBOX USA, Denver, CO, April 21, 2008.
14. “Tire Mechanics & Modeling,” 1-Day Course Presented by Dr. Patrick Fitzhorn, Director of the Race Vehicle Dynamics Laboratory at Colorado State University, March 20, 2008.
15. “Tire and Wheel Safety Issues,” Society of Automotive Engineers, Greenville, SC, June 22, 2007.
16. “Tire as a Vehicle Component,” Society of Automotive Engineers, Greenville, SC, June 21, 2007.
17. “Basic Rider Course,” T3RG Motorcycle Class, Denver, CO, May, 2007.
18. Society of Automotive Engineers World Congress, Detroit, Michigan, April 2007.

19. "Active Safety Technology: Paving the Road to Accident-Free Driving Telephone/Webcast," Society of Automotive Engineers, March 1, 2007.
20. CarSim 7 Training Session, Presented by Thomas Gillespie of Mechanical Simulation Corporation via Teleconference, December 13, 2006.
21. "Vehicle Dynamics for Passenger Cars and Light Trucks," Society of Automotive Engineers, Troy, Michigan, August 23-25, 2006.
22. "CVSA Critical Inspection Seminar," Colorado Motor Carriers Association, Denver, Colorado, July 27, 2006.
23. "Bendix Comprehensive Air Brake Systems Training," Bendix Corporation, Denver, Colorado, May 9-11, 2006.
24. "Inspection and Investigation of Commercial Vehicle Crashes," Institute of Police Technology and Management, Tempe AZ, December 8-12, 2003.

#### **Instructor**

1. "Reconstruction and Analysis of Rollover Crashes of Light Vehicles," Society of Automotive Engineers Course C1502, Instructor, 8-hour course taught on October 15, 2018, Los Angeles, CA.
2. "Reconstruction and Analysis of Rollover Crashes of Light Vehicles," Society of Automotive Engineers Course C1502, Instructor, 8-hour course taught on June 15, 2018, Detroit, MI.
3. "Reconstruction and Analysis of Rollover Crashes of Light Vehicles," Society of Automotive Engineers Course C1502, Instructor, 8-hour course taught on April 9, 2018, Detroit, MI.
4. "Reconstruction and Analysis of Rollover Crashes of Light Vehicles," Society of Automotive Engineers Course C1502, Instructor, 8-hour course taught on December 1, 2016, Norwalk, CA.
5. "Reconstruction and Analysis of Rollover Crashes of Light Vehicles," Society of Automotive Engineers Course C1502, Instructor, 8-hour course taught on September 29, 2016, Scottsdale, AZ.
6. "Tire Mark Forensic Evidence," Guest Lecturer, Wayne State University, BME 7810 – Forensic Bioengineering, Detroit, MI, April 14, 2010.
7. "Tire Marks Deposited Preceding and Subsequent to Vehicular Impacts," Guest Lecturer, University of Colorado at Denver, ME 4238/5238 – Impact Mechanics, Denver, CO, June 30, 2009.
8. "Level 3 Advanced Traffic Collision Investigation and Reconstruction," Instructor, Denver Police Department, Denver, CO, September 29, 2009.
9. "Level 3 Advanced Traffic Collision Investigation and Reconstruction," Instructor, Denver Police Department, Denver, CO, October 2, 2008.

#### **Presentations**

1. "Science and Technology in the Courtroom – Tips From the Experts," American Bar Association – Transportation Megaconference XIII Trucking and Motor Carrier Litigation, New Orleans, LA, March 10, 2017.
2. "Tire Mark Striations: Sensitivity and Uncertainty Analysis," SAE Technical Paper Presentation, 2016 Society of Automotive Engineers World Congress, Detroit, MI, April 13, 2016.
3. "The Relationship Between Tire Mark Striations and Tire Forces," SAE Technical Paper Presentation, 2016 Society of Automotive Engineers World Congress, Detroit, MI, April 13, 2016.
4. "Testing the Validity of Myths Surrounding Tire Failures," American Bar Association – 2015 Emerging Issues in Motor Vehicle Product Liability Litigation, Phoenix, AZ, April 9, 2015.
5. "A Comparison of 25 High Speed Tire Disablements Involving Full and Partial Tread Separations," SAE Technical Paper Presentation, 2013 Society of Automotive Engineers World Congress, Detroit, MI, April 17, 2013.

6. "The Controllability of Various Tire Disablements: 25 High Speed Tests," American Bar Association – 2013 Emerging Issues In Motor Vehicle Product Liability Litigation, Phoenix, AZ, April 4, 2013.
7. "Severity Underreported: The Accident May Be More Severe Than You Think," American Bar Association – 2011 Emerging Issues in Motor Vehicle Product Liability Litigation, Phoenix, AZ, April 1, 2011.
8. "Development of a Variable Deceleration Rate Approach to Rollover Crash Reconstruction," SAE Technical Paper Presentation, 2009 Society of Automotive Engineers World Congress, Detroit, MI, April 22, 2009.
9. "Determining Steering and Braking from Yaw Mark Striations," SAE Technical Paper Presentation, 2009 Society of Automotive Engineers World Congress, Detroit, MI, April 21, 2009.
10. "Accident Reconstruction: Heavy Trucks," Morison Ansa Holden Assuncao & Prough LLP, Philadelphia, PA, June 2, 2008.
11. "Guardrail and Barrier Impacts," Caltrans Legal Department, Los Angeles, CA, August 7, 2007.
12. "Factors Influencing Roof-to-Ground Impact Severity: Video Analysis and Analytical Modeling," SAE Technical Paper Presentation, Society of Automotive Engineers World Congress, Detroit, Michigan, April 17, 2007.
13. "Impaired Driver Awareness," Center for Transportation Safety, Fort Collins Colorado, March 24, 2005.



Résumé of  
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#### **EXPERIENCE:**

- President and Principal Engineer, KinetiCorp, LLC, 2005 to Present
- Vice President, Principal Engineer, and Senior Engineer, Knott Laboratory, Inc., Denver, Colorado 1995 to 2005
- President, Fenton/Kerr Engineering, Inc., Denver, Colorado, 1993 to 1997
- Area Manager, Peter Kiewit Sons', Inc., Omaha, Nebraska, 1990 to 1993
- Project Engineer and Superintendent, Twin Mountain Rock Company, Albuquerque, New Mexico, 1987 to 1990
- Field Engineer, Kiewit Western Company, Denver, Colorado 1983 to 1987

**REGISTRATIONS:** Mr. Fenton is registered as a Professional Engineer in the State of Colorado. He is a fully accredited Traffic Accident Reconstructionist through the Accreditation Commission for Traffic Accident Reconstruction (ACTAR).

**EDUCATION: B.S., Engineering,** Civil Specialty, Colorado School of Mines, Golden, Colorado, 1987.

**AWARDS:** Mr. Fenton was a co-author on a paper that received the [2006 Arch T. Colwell Merit Award](#) from the Society of Automotive Engineers. This award recognizes authors of outstanding papers presented at SAE meetings. Papers are judged for their value as contributions to existing knowledge of mobility engineering.

**FORENSIC ENGINEERING:** Mr. Fenton investigates and reconstructs vehicular accidents and provides expert testimony in State and Federal courts for both defendants and plaintiffs. In the course of his work as a forensic engineer, Mr. Fenton actively participates in the accident reconstruction community.

- Mr. Fenton chaired the Photogrammetry Committee for the Society of Automotive Engineers (SAE) from 2001 to 2012, and participated as a team member in the Accident Investigation and Accident Reconstruction Standards Committee (AIARSC). As a part of the AIARSC, he participated in the following subcommittees: Investigation Techniques, Vehicle Road Friction, Reconstruction Analysis, Information Resources, and Motor Vehicle Fire Investigations Task Force. Through his involvement with these committees, Mr. Fenton participated in establishing professional guidelines and protocols for accident investigation and reconstruction.
- Mr. Fenton has conducted accident investigations as a team member for the National Highway Traffic Safety Administration's (NHTSA) Crash Injury Research and Engineering Network (CIREN), which teams engineers with doctors to gather real-world crash data and to evaluate occupant injuries.
- Mr. Fenton has given presentations and lectures at a number of national and international technical conferences, including the Society of Automotive Engineer's World Congress and Northeastern University's *Symposium on Criminal Justice*. He conducts seminars for regional bar associations and engineering societies on photogrammetry and vehicular accident reconstruction.
- Mr. Fenton has authored numerous technical articles in the areas of accident reconstruction, photogrammetry, and computer animation, which have been published in the SAE's *Technical Paper Series*, *Accident Reconstruction Journal*, and the *National Academy of Forensic Engineers*.
- Mr. Fenton has been awarded grants related to photogrammetric documentation and has been listed as a training specialist for close-range photogrammetry software.
- Mr. Fenton's accident reconstruction expertise has been featured on such television programs as MSNBC's "Why Cars Crash," Discovery Channel's "Discover Magazine – The Science behind the Headlines" and NBC's News Magazine "Dateline."

#### **PROFESSIONAL AFFILIATIONS:**

- Society of Automotive Engineers (SAE), Member
- ASCE (American Society of Civil Engineers), Member
- SPIE (The International Society for Optical Engineering), Member
- ASPRS (American Society of Photogrammetry and Remote Sensing), Member



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### Publications

1. Beauchamp, Gray, Hessel, David, Rose, Nathan A., **Fenton, Stephen J.**, "[Determining Steering and Braking Levels from Yaw Mark Striations](#)," Paper Number 2009-01-0092, Society of Automotive Engineers, 2009, published in the *SAE International Journal of Passenger Cars – Mechanical Systems*.
2. Rose, Nathan A., Beauchamp, Gray, **Fenton, Stephen J.**, "[The Influence of Vehicle-to-Ground Impact Conditions on Rollover Dynamics and Severity](#)," Paper Number 2008-01-0194, Society of Automotive Engineers, 2008.
3. Rose, Nathan A., **Fenton, Stephen J.**, Beauchamp, Gray, "[Analysis of Vehicle-to-Ground Impacts during a Rollover with an Impulse-Momentum Impact Model](#)," Paper Number 2008-01-0178, Society of Automotive Engineers, 2008.
4. Rose, Nathan A., Neale, W.T.C., **Fenton, Stephen J.**, Hessel, D., McCoy, R.W., Chou, C.C., "[A Method to Quantify Vehicle Dynamics and Deformation for Vehicle Rollover Tests Using Camera-Matching Video Analysis](#)," Paper Number 2008-01-0350, Society of Automotive Engineers, 2008.
5. Funk, J. R., Beauchamp, G., Rose, Nathan A., **Fenton, Stephen J.**, Pierce, J., "[Occupant Ejection Trajectories in Rollover Crashes: Full-Scale Testing and Real World Cases](#)," Paper Number 2008-01-0166, Society of Automotive Engineers, 2008.
6. Rose, Nathan A., Beauchamp, Gray, **Fenton, Stephen J.**, "[Factors Influencing Roof-to-Ground Impact Severity: Video Analysis and Analytical Modeling](#)," 2007-01-0726, Society of Automotive Engineers, 2007.
7. Rose, Nathan A., **Fenton, Stephen J.**, Beauchamp, Gray, "[Restitution Modeling for Crush Analysis: Theory and Validation](#)," 2006-01-0908, Society of Automotive Engineers, 2006.
8. Chou, C., McCoy, R., **Fenton, Stephen J.**, Neale, W., Rose, Nathan, "[Image Analysis of Rollover Crash Test Using Photogrammetry](#)," 2006-01-0723, Society of Automotive Engineers, 2006. This paper received the **2006 Arch T. Colwell Merit Award**, which was established by Arch Colwell to recognize authors of outstanding papers presented at SAE meetings. Papers are judged for their value as contributions to existing knowledge of mobility engineering, and primarily with respect to their value as an original contribution to the subject matter.
9. **Fenton, Stephen J.**, "Using Photogrammetric Animations to Effectively Present Your Accident Reconstruction to the Jury," American Bar Association (ABA), 2006
10. Rose, Nathan A., **Fenton, Stephen J.**, "[Crush and Conservation of Energy Analysis: Toward a Consistent Methodology](#)," 2005-01-1200, Society of Automotive Engineers, Warrendale, PA, 2005.
11. Neale, W., **Fenton, Stephen J.**, McFadden, S., Rose, Nathan, "[A Video Tracking Photogrammetry Technique To Survey Roadways for Accident Reconstruction](#)," 2004-01-1221, Society of Automotive Engineers, Warrendale, PA, 2004.
12. Rose, Nathan A., **Fenton, Stephen J.**, "[An Examination of the CRASH3 Effective Mass Concept](#)," 2004-01-1181, Society of Automotive Engineers, Warrendale, PA, 2004.
13. Rose, Nathan A., **Fenton, Stephen J.**, Hughes, Christopher M., "[Integrating Monte Carlo Simulation, Momentum-Based Impact Modeling, and Restitution Data to Analyze Crash Severity](#)," 2001-01-3347, Society of Automotive Engineers, Warrendale, PA, 2001.
14. **Fenton, Stephen J.**, Neale, William, Rose, Nathan A., Hughes, Christopher, "[Determining Crash Data Using Camera-Matching Photogrammetric Technique](#)," 2001-01-3313, Society of Automotive Engineers, Warrendale, PA, 2001.

15. **Fenton, Stephen**, Rose, Nathan A., Johnson, Wendy, "[Using Digital Photogrammetry to Determine Crash Severity](#)," Proceedings of the International Crashworthiness Conference, September 2000.
16. **Fenton, Stephen J.**, "Forensic Engineering Comparison of Two & Three Dimensional Photogrammetric Accident Analysis," *National Academy of Forensic Engineering* (NAFE), REF:308S, Photogrammetric Accident Analysis.
17. **Fenton, Stephen J.**, Johnson, Wendy, LaRocque, Jaime, Rose, Nathan A., "[Using Digital Photogrammetry to Determine Vehicle Crush and Equivalent Barrier Speed](#)," 1999-01-0439, Society of Automotive Engineers, Inc., Warrendale, PA, 1999.
18. **Fenton, Stephen J.**, "Laying the Foundation of an Automotive Product Liability Case Using Photogrammetry," American Trial Lawyers Association, 2003 Annual Convention, San Francisco, California, July 22, 2003.
19. **Fenton, Stephen J.**, "Photographs Help Reconstruct Princess Diana Crash," Illinois Association of Traffic Accident Investigators (IATAI) Newsletter, December 21, 1998.
20. **Fenton, Stephen J.**, "Reconstructing the Princess Diana Crash," Law Enforcement Technology, August 1998.
21. **Fenton, Stephen J.**, "Princess Diana Car Crash Animation," Digimation, Siggraph '98 3D software, 1998.
22. **Fenton, Stephen J.**, "Automotive Airbags," *Accident Investigation Quarterly*, Issue 16, Fall 1997.
23. **Fenton, Stephen J.**, "[Accident Scene Diagramming Using New Photogrammetric Technique](#)," Society of Automotive Engineers (SAE) paper 970944, 1997.
24. **Fenton, Stephen J.**, "Operations Manual - Surveying Operations," Peter Kiewit Sons', Inc, 1993.

#### **Committee Publications**

1. SAE Accident Investigation and Reconstruction Practices Committee, Joe Marsh, Sponsor, "Reaffirmation of J1301 – Truck Deformation Classification," Society of Automotive Engineers (SAE) J1301.
2. SAE Accident Investigation and Reconstruction Practices Committee, Joe Marsh, Sponsor, "Reaffirmation of J224 – Collision Deformation Classification," Society of Automotive Engineers (SAE) J224.
3. SAE Accident Investigation and Reconstruction Practices Committee, John Marcosky, Sponsor, "Ethics for Accident Investigation and Reconstruction," Society of Automotive Engineers (SAE) J2314.
4. SAE Accident Investigation and Reconstruction Practices Committee, "Equidistant Crush Measurement Techniques," Society of Automotive Engineers (SAE) J2433, In Press.

#### **Grants and Funded Research**

1. "A Method to Quantify Vehicle Dynamics and Deformation for Vehicle Rollover Tests Using Camera-Matching Video Analysis," funded, in part, by **Ford Motor Company**, 2007.
2. "Image Analysis of Rollover Crash Test Using Photogrammetry," funded, in part, by **Ford Motor Company**, 2005-06.
3. "Chimney Rock Preservation and Access Project," Awarded Grant, **Colorado Historical Society**, Grant #96-02-104.
4. "Photogrammetric Ruin Documentation Project," Awarded Grant, **Colorado Historical Society**, Grant #96-01-095.
5. "Survey and Documentation of Paraboloid at Zeckendorf Plaza," Awarded Grant, **Colorado Historical Society**, 1995 Mini Grant.

#### **Presentations and Courses Taught**

1. "Effectively Packaging and Presenting Complex Accident Reconstruction Concepts", Presented at the American Bar Association 2014 Emerging Issues in Motor Vehicle Product Liability Litigation Conference, Phoenix, AZ, April 3, 2014.
2. "Utilizing Today's Technology in Reconstructing Accidents", Presented at the American Bar Association 2012 Emerging Issues in Motor Vehicle Product Liability Litigation Conference, Phoenix, AZ, March 29, 2012.
3. "Determining Driver Error from Tire Marks and Quantifying the Severity of Highway Barrier Collisions," California Department of Transportation Tort Conference, San Diego Hilton, May 21, 2009.

4. "Rollovers and Guardrail Impacts", California Department of Transportation, Los Angeles, CA, August 7, 2007.
5. "When the Traffic Collision Report is of No Help", California Department of Transportation, Santa Barbara, CA, May 24, 2007.
6. "Accident Reconstruction and Animation in Rollover Cases", Mercedes-Benz, San Francisco, CA, May 4, 2007.
7. Accident Investigation Methods, Mercedes and DaimlerChrysler, Tokyo, Japan, February 9, 2007.
8. Accident Investigation Methods, Mercedes and DaimlerChrysler, Seoul, South Korea, February 7, 2007.
9. Handling, Stability and Rollovers, Ford Motor Company, Detroit, MI, July 31 through August 2, 2006.
10. "The Admissibility of Computer Simulations and Animations in Trial", Presented at the Association of Southern California Defense Counsel (ASCDC) 2005 Products Liability Meeting, Los Angeles, CA, November 3, 2005.
11. "Using Photogrammetric Animations to Effectively Present Your Accident Reconstruction to the Jury", Presented at the American Bar Association 2005 Emerging Issues in Motor Vehicle Product Liability Litigation Conference, Phoenix, AZ, March 31, 2005.
12. Course in Close-Range Photogrammetry, Presented at SAE World Congress, March, 2003.
13. Presentation on Close-Range Photogrammetry, Society of Automotive Engineers, Phoenix, 2002.
14. "Determining Crash Data Using Camera Matching Photogrammetric Technique", Presented at the Society of Automotive Engineers' International Body Engineering Conference & Exhibition (IBEC) and The Automotive & Transportation Technology Congress (ATT), in Paris France on July 11, 2002; paper number 2001-01-3313.
15. "Integrating Monte Carlo Simulation, Momentum-Based Impact Modeling, and Restitution Data to Analyze Crash Severity", Presented at the Society of Automotive Engineers' International Body Engineering Conference & Exhibition (IBEC) and The Automotive & Transportation Technology Congress (ATT), in Paris France on July 11, 2002; paper number 2001-01-3313.
16. "Technology in Product Liability Cases", Speaker, 2000 CDLA annual conference in Steamboat Springs, Colorado, August 19, 2000.
17. "State of the Art Technologies in Accident Reconstruction", Speaker, National Association of Independent Insurance Adjusters 63<sup>rd</sup> Annual Convention, Keystone, Colorado, May 25, 2000
18. "Distal Lower Extremity Fractures", Contributed Video Simulation Production, Member - San Diego CIREN team, CIREN Quarterly Meeting, Washington, D.C., May 5, 2000.
19. "Accident Reconstruction Techniques and Practices", Society of Automotive Engineers, Colorado Section Meeting, Knott Laboratory Media Center, January 19, 2000
20. "The Role of Computers in Accident Reconstruction", Knott Laboratory, Inc., Englewood, Colorado, October 26, 1999.
21. "New Technologies in Accident Reconstruction", Colorado Defense Lawyer's Association Conference, Vail, Colorado, August 13-14, 1999.
22. "New Technologies in Accident Reconstruction", Wyoming Trial Lawyer's Association Conference, Jackson Hole, Wyoming, June 16, 1999.
23. "Courtroom Use of Photogrammetry", Knott Laboratory, Inc., Denver, Colorado, April 15, 1999.
24. "Using Digital Photogrammetry to Determine Vehicle Crush & Equivalent Barrier Speed (EBS)", Society of Automotive Engineers (SAE), International Congress & Exposition, Accident Reconstruction Session, Cobo Hall, Detroit, Michigan, March 2, 1999.
25. "Photogrammetric Reconstruction," Attorneys Information Exchange Group, Air Bag Summit, Kansas City, Missouri, May 17, 2002.
26. "State-of-the-Art Technology in Accident Reconstruction", Montgomery, Little and McGrew Law Firm, Denver, Colorado, February 26, 1999.
27. "Princess Diana Accident Reconstruction: A Case Study Utilizing Photogrammetry and Computer Animation", Northeastern University Law Enforcement Exposition, Boston, MA, November 17-18, 1998.
28. "Vehicular Accident Reconstruction-Case Studies and Future Technologies", Allstate Insurance Company, Englewood, Colorado, November 11, 1998.

29. "Vehicular Accident Reconstruction as it Relates to Parking Lot and Low Speed Accidents", Allstate Claim Service, Highlands Ranch, Colorado, October 15, 1998.
30. "Accident Reconstruction: State-of-the-Art Technology", Knott Laboratory, Inc., Denver, Colorado, October 7, 1998.
31. "State-of-the-Art Technology in Accident Reconstruction", Colorado Claims Association Annual Seminar, Englewood, Colorado, October 2, 1998.
32. "Auto Litigators at Dawn: Reconstructing the Princess Di Automobile Crash", Colorado Trial Lawyers Association (CTLA) 1998 Annual Convention, Steamboat Springs, Colorado, July 30-August 2, 1998.
33. "Product Liability", Knott Laboratory, Inc., Denver, Colorado, April 9, 1998.
34. "Photogrammetry & Animations", Colorado Trial Lawyers Association, CLE Spring Training Seminar, Tucson, Arizona, March 20, 1998.
35. "Seat Belts and Airbags: Current Technology", Knott Laboratory, Inc., Denver, Colorado, March 19, 1998.
36. "State-of-the-Art Techniques in Forensic Engineering", Mile High Optimists Club, The University Club, Denver, Colorado, March 5, 1998.
37. "Computer Animation and Photogrammetry", Paul S. Edwards & Associates, Colorado Springs, Colorado, February 13, 1998.
38. "Photogrammetric Accident Reconstruction", Colorado Bar Association, Colorado Springs, Colorado, January 15, 1998.
39. "Discovery Magazine – Science Behind the Headlines" Documentary, Discovery Channel, November 11, 1998.
40. "Date Line NBC – Princess Diana Accident", Guest Presenter, Television News Magazine, NBC, October 1997.
41. "Low Speed Accident Investigation", Knott Laboratory, Inc. Denver, Colorado, October 18, 1997.
42. "Seat Belt and Airbag Investigation", Knott Laboratory, Inc., Denver, Colorado October 16, 1997.
43. "Accident Reconstruction - Accident Scene Diagramming Using New Photogrammetric Technique", Society of Automotive Engineers (SAE), International Congress and Exposition, Cobo Hall, Detroit, Michigan, February 27, 1997.
44. "Forensic Animation", Nebraska Association of Trial Attorneys, Omaha, Nebraska, August 1996.
45. "Forensic Animations - How to control costs, hire a credible engineer, and use animations as demonstrative evidence", Colorado Bar Association - Technical Division Meeting, Denver, Colorado, March 1, 1995.
46. "Forensic Animation", First Judicial Bar Association, Jefferson County Courthouse, Golden, Colorado, February 13, 1995.
47. "Forensic Photogrammetry", Nebraska State Attorney's Office, Omaha, Nebraska, May 1994.

#### **Technical Conferences and Seminars**

1. SAE World Congress by Society of Automotive Engineers (SAE), International Congress and Exposition, Detroit, Michigan, April, 2013.
2. SAE World Congress by Society of Automotive Engineers (SAE), International Congress and Exposition, Detroit, Michigan, April, 2011.
3. Bosch Crash Data Retrieval (CDR) System® Level 1 and Level 2 Technician Course, Kineticorp, LLC, Greenwood Village, CO, March 8, 2011.
4. SAE World Congress by Society of Automotive Engineers (SAE), International Congress and Exposition, Detroit, Michigan, April, 2010.
5. SAE World Congress by Society of Automotive Engineers (SAE), International Congress and Exposition, Detroit, Michigan, April, 2009.

6. SAE World Congress by Society of Automotive Engineers (SAE), International Congress and Exposition, Detroit, Michigan, April, 2008.
7. “FMVSS No. 126 ESC Compliance Test Procedure Technical Workshop & Demonstration” Presented by the National Highway Traffic Safety Administration at TRC, November 7, 2007.
8. SAE Motor Vehicle Fire Investigation Task Force Meeting, Detroit, MI, April, 2007
9. SAE World Congress by Society of Automotive Engineers (SAE), International Congress and Exposition, Detroit, Michigan, April, 2007.
10. CIREN Case Review, Multidisciplinary Meeting, University of Michigan, April 4, 2007
11. CIREN Case Review, Multidisciplinary Meeting, University of Michigan, October 20, 2006.
12. Handling, Stability and Rollovers, Ford Motor Company, Detroit, MI, July 31 through August 2, 2006.
13. Brake Certification Seminar, Colorado Motor Carriers Association, July 27, 2006.
14. CIREN Case Review, Multidisciplinary Meeting, University of Michigan, May 24, 2006.
15. Accident Reconstruction Symposium, Society of Automotive Engineers (SAE), Ventura, CA, November 8-9, 2005.
16. CIREN Case Review, Multidisciplinary Meeting, University of Michigan, November, 2005.
17. SAE Motor Vehicle Fire Investigation Task Force Meeting, Detroit, MI, April, 2005.
18. SAE World Congress by Society of Automotive Engineers (SAE), International Congress and Exposition, Cobo Hall, Detroit, Michigan, April, 2005.
19. SAE World Congress by Society of Automotive Engineers (SAE), International Congress and Exposition, Cobo Hall, Detroit, Michigan, March, 2004.
20. SAE World Congress by Society of Automotive Engineers (SAE), International Congress and Exposition, Cobo Hall, Detroit, Michigan, March 3-6, 2003.
21. SAE World Congress by Society of Automotive Engineers (SAE), International Congress and Exposition, Cobo Hall, Detroit, Michigan, March 5-7, 2002.
22. SAE World Congress by Society of Automotive Engineers (SAE), International Congress and Exposition, Cobo Hall, Detroit, Michigan, March 5-8, 2001.
23. “Distal Lower Extremity Fractures”, Video Simulation Production, Member - San Diego CIREN team, CIREN Quarterly Meeting, Washington, D.C., May 5, 2000.
24. PC-Crash & PC-Rectification Training Workshop, New Horizons Computer Center, Detroit, Michigan, March 3–4, 1999.
25. Technical Standards Committee Meeting on Engineering Ethics, Committee Member, Detroit, Michigan, March 2, 1999.
26. Value For Our World: The Innovation Challenge, Seminar by Society of Automotive Engineers (SAE), International Congress of Exposition, Cobo Hall, Detroit, Michigan, March 1-4, 1999.
27. Global Technology Partnering: Accident Reconstruction and Occupant Protection and Injury Assessment in the Automotive Crash Environment, seminar by Society of Automotive Engineers (SAE), International Congress and Exposition, Cobo Hall, Detroit, Michigan, February 26-27, 1997.

**CURRICULUM VITAE**  
**ALAN H. WEINTRAUB, M.D.**

**PRESENT POSITION:** MEDICAL DIRECTOR BRAIN INJURY PROGRAM  
ATTENDING PHYSICIAN  
Craig Hospital - CNS Medical Group, P.C.  
3425 South Clarkson Street  
Englewood, Colorado 80113

**EDUCATION:**

**FELLOWSHIP:** Neurotrauma Rehabilitation 1986  
Brain Injury and Spinal Cord Injury  
Craig Hospital - Englewood, Colorado

**INTERNSHIPS & RESIDENCY:** University of Colorado School of Medicine 1985  
Department of Physical Medicine and Rehabilitation  
Denver, Colorado

**AFFILIATED HOSPITALS:** University Hospital  
Veterans Administration Hospital  
Spalding Rehabilitation Hospital  
Craig Hospital  
Children's Hospital

**MEDICAL SCHOOL:** American University of the Caribbean 1982  
School of Medicine  
Plymouth, Montserrat, West Indies  
**M.D. DEGREE**

**COLLEGE:** Florida International University, School of Physical Therapy  
**BACHELOR OF SCIENCE**  
  
University of South Florida, Tampa, Florida  
College of Natural Sciences

**CERTIFICATION:**

Diplomate 1986  
American Board of Physical Medicine and Rehabilitation

Fellow, American Congress of Rehabilitative Medicine 10/27/2017

Subspecialty of Brain Injury Medicine 12/2014-Present  
American Board of Physical Medicine and Rehabilitation

**MILITARY:**

Major, United States Army Reserve Medical Corp. 1983 -1991

**HOSPITAL APPOINTMENTS:**

<b>Craig Hospital</b>	Englewood, Colorado	1985 - Present
<b>Littleton Hospital</b>	Littleton, Colorado	1985 - Present
<b>Porter Adventist Hospital</b>	Denver, Colorado	1985 - Present
<b>St. Anthony Hospitals</b>	Denver, Colorado	1986 - Present
<b>Swedish Medical Center</b>	Englewood, Colorado	1986 – Present
<b>Select Specialty Hospital</b>	Denver, Colorado	2003 – 2017
<b>Sky Ridge Medical Center</b>	Lone Tree, Colorado	2007 - Present
<b>Kindred Hospital</b>	Denver, Colorado	2009 - Present
<b>NextCARE Hospital</b>	Denver, Colorado	1995-1999
<b>SCCI Hospital – City Park</b>	Denver, Colorado	1999 – 2004
<b>Spalding Rehabilitation Hospital</b>	Denver, Colorado	1986 - 1999
<b>Aurora Presbyterian Hospital</b>	Aurora, Colorado	1987 – 1999
<b>St. Lukes Presbyterian Hospital</b>	Denver, Colorado	1987 – 1995

## CLINICAL APPOINTMENTS:

<b>Medical Director</b> Rocky Mountain Regional Brain Injury System Craig Hospital Englewood, Colorado	2005 – Present
<b>Medical Director</b> Brain Injury Program Craig Hospital Englewood, Colorado	1986 - Present
<b>Associate Clinical Professor</b> University of Colorado School of Medicine Department of Physical Medicine and Rehabilitation Denver, Colorado	12/1/14 - Present
<b>Assistant Clinical Professor</b> University of Colorado School of Medicine Department of Physical Medicine and Rehabilitation Denver, Colorado	1988 – 11/30/14
<b>Medical Director – Trauma Rehabilitation</b> Littleton Hospital	9/2009 - Present
<b>Consultant</b> Colorado Avalanche Hockey Club	2000 - Present
<b>Consultant</b> Denver Bronco Football Club	1998 - Present
<b>Medical Director</b> Learning Services - Bear Creek Community Re-entry Program for Acquired Brain Injury Lakewood, Colorado	1993 - 1998
<b>Medical Director</b> TheraTX Rehabilitation	1995 - 2000
Autumn Heights Health Care Center Denver, Colorado	1995 - 1998
Bethany Health Plex Lakewood, Colorado	1996 - 1998
Heritage Park Manor Restorative Care Center Littleton, Colorado	1993 -1995
<b>Consultant</b> Transitions of Denver Lakewood, Colorado	1989 - 1991
<b>Consultant</b> Bear Creek Community Re-entry Program for the Head Injured Lakewood, Colorado	1989 - 1993
<b>Consultant</b> Heritage Rehabilitation Center Denver, Colorado	1988 - 1992

**Training Director**

Residency/Fellowship Program  
 Craig Hospital  
 Englewood, Colorado

1986 - 1992

**Medical Director**

Regency Rehabilitation Hospital  
 Denver, Colorado

1986 - 1988

**RECOGNITIONS AND AWARDS:**

Sheldon Berrol, MD Clinical Service Award, Brain Injury Association of America

2017

Castle Connolly Top Doctors®

2015, 2016, 2017, 2018

5280 – Top Doctors – Brain Injury Medicine

2013, 2014, 2015, 2016, 2017

*“Top Doctors”*

2012, 2013, 2014, 2015, 2016

U.S. News and World Report

*“Best Doctors for Executives”*

2013

Colorado Biz Magazine

*2011 Award for Innovative Clinical Treatment*

2011

North American Brain Injury Association (NABIS)

**INVITED PARTICIPANT:**

Insurance Rehabilitation Synergy Group (IRSG) Conference –  
 The Past, Present and Future of Rehabilitation

2018

Galveston Brain Injury Conference – Chronic Brain Injury: Surveillance and Collaborative Care  
 Galveston, TX

2012, 2013, 2014, 2015  
 2016, 2017, 2018

“Invitational Workshop on New Opportunities in Traumatic Brain Injury Research:  
 Advancing the National Research Agenda”

4/12 – 4/13/2012

Toronto, Canada

“Rehabilitation Access and Outcome after Severe Traumatic Brain Injury”

5/16 – 5/17/2016

Spaulding Harvard Traumatic Brain Injury Model System

Washington DC

**RESEARCH POSITIONS:****Medical Director**

Rocky Mountain Regional Brain Injury System

2012 to present

TBI Model System of Care

1998 - 2008

Funded: National Institute on Disability Rehabilitation and Research (NIDRR)

**EXAMINATIONS:**

Subspecialty of Brain Injury Medicine, American Board of PM&R

2014

American Board of Physical Medicine and Rehabilitation - Part II

1986

American Board of Physical Medicine and Rehabilitation - Part I

1985

Federal Licensing Examination

1982

ECFMG Certification

1982

Physical Therapy - PES Board State of Florida

1979

**LICENSURE:**

State of Colorado

#25718

1983 - Present

Licensed to Practice Medicine



<b>State of Florida</b> Licensed to Practice Medicine	#45374	1992 – Present 1984 - 1986
<b>State of Hawaii</b> Licensed to Practice Medicine	#13519	2005 - Present
<b>State of Florida</b> Licensed as Registered Physical Therapist		1979 - 2017

#### **PROFESSIONAL ASSOCIATIONS:**

NORTH AMERICAN BRAIN INJURY SOCIETY	2005 - Present
INTERNATIONAL SOCIETY OF PHYSICAL AND REHABILITATION MEDICINE	2001 – Present
INTERNATIONAL BRAIN INJURY ASSOCIATION	1990 - Present
AMERICAN ACADEMY OF PHYSICAL MEDICINE AND REHABILITATION	1983 - Present
AMERICAN CONGRESS OF REHABILITATION MEDICINE	1983 - Present
AMERICAN MEDICAL ASSOCIATION	1982 - Present
AMERICAN PARAPLEGIA SOCIETY	1985 - Present
AMERICAN SOCIETY OF NEUROREHABILITATION	1991 - Present
AMERICAN SPINAL INJURY ASSOCIATION	1985 - Present
ARAPAHOE MEDICAL SOCIETY	1986 – Present
BRAIN INJURY ASSOCIATION OF AMERICA	1985 - Present
BRAIN INJURY ASSOCIATION OF COLORADO	1985 - Present
COLORADO MEDICAL SOCIETY	1986 - Present
COLORADO NEUROLOGICAL INSTITUTE	1989 - Present
INTERNATIONAL ASSOCIATION FOR THE STUDY OF TRAUMATIC BRAIN INJURY	1987 - Present
ROCKY MOUNTAIN REHABILITATION SOCIETY	1985 – Present
DENVER MEDICAL SOCIETY	1986 - 2002
MEMBER - AMERICAN COLLEGE OF SPORTS MEDICINE	1979 - 1980
MEMBER - AMERICAN PHYSICAL THERAPY ASSOCIATION	1977 – 1979

#### **PROFESSIONAL ACTIVITIES:**

<b>2018 BRAIN INJURY SUMMIT – A MEETING OF THE MINDS</b> Vail, CO Program Chair	1/07/18 – 1/10/18
<b>NABIS/IBIA</b> Editorial Advisory Board of Brain Injury Professional	1/2018 - Present

<b>2015 BRAIN INJURY SUMMIT – A MEETING OF THE MINDS</b> Vail, CO Program Chair and Steering Committee	1/11/15 – 1/14/15
<b>AMERICAN CONGRESS OF REHABILITATION MEDICINE</b> Treasurer, Executive Board – Brain Injury ISIG	10/2014 - Present
<b>NORTH AMERICAN BRAIN INJURY SOCIETY</b> Board of Directors	2014 - Present
<b>2012 BRAIN INJURY SUMMIT – A MEETING OF THE MINDS</b> Beaver Creek, CO Program Chair and Steering Committee	1/9/2012 – 1/13/2012
<b>CNS MEDICAL GROUP, P.C. - ENGLEWOOD, COLORADO</b> President	1986 - Present 1988 - 2003
<b>COLUMBIA HEALTH ONE</b> Member - Sports Medicine Program Broncos Sports Medicine Program	1997 - 2010
<b>BRAIN INJURY ASSOCIATION OF COLORADO</b> Board of Directors	2007 - 2009
<b>STATE OF COLORADO, DEPARTMENT OF LABOR</b> Division of Workers' Compensation Advisory Committee for the Development of TBI Medical Treatment Guidelines	2011 - Present 2004 - 2005 1996 - 1997
<b>COLORADO FOUNDATION FOR MEDICAL CARE</b> Physician Reviewer	1994 – 2009
<b>SWEDISH HOSPITAL</b> Chairman Physical Medicine and Rehabilitation Section - Department of Medicine	1994 - 2014
<b>COLORADO NEUROLOGICAL INSTITUTE</b> Education Committee Member Chair Education Committee Board of Directors	1992 - Present 1992 - 2000 1996 - 2000 1997 - 2000
<b>AMERICAN ACADEMY OF PHYSICAL MEDICINE AND REHABILITATION</b> Special Interest Group - Brain Injury, Spinal Cord Injury Brain Injury Research Committee	1986 - Present 1986 - Present
<b>AMERICAN CONGRESS OF REHABILITATION MEDICINE</b> Traumatic Brain Injury Brain Injury SIG Task Force DOC Task Force Prognosis Task Force	1986 - Present
<b>COLORADO BRAIN INJURY ASSOCIATION</b> Advisory Board	1986 - Present
<b>CRAIG HOSPITAL - ENGLEWOOD, COLORADO</b> Research Task Force Professional Activities Committee Pharmacy and Therapeutics Committee Education Program Director Secretary/Treasurer	1986 - Present 1986 - Present 1986 - Present 1986 - Present 1986 - 1990 1987 - 1991

<b>ROCKY MOUNTAIN REGIONAL BRAIN INJURY CENTER</b> Governing Board Member - Medical Consultant	1990 - 1994
<b>SWEDISH/PORTER HOSPITAL - COMBINED MEDICAL STAFF</b> Chairman Physical Medicine and Rehabilitation Subsection	1990 - 1994
<b>NATIONAL HEAD INJURY FOUNDATION</b> Medical Issues Committee Liaison to Professional Advisory Counsel	1986 - 1990
<b>COLORADO BOARD OF HEALTH TASK FORCE ON TRAUMATIC HEAD INJURY</b> Legislative Liaison Committee Education Committee Surveillance Committee	1986 - 1987
<b>TECHNICAL ADVISORY COMMITTEE</b> Colorado Brain Injury Association Acute Care Committee	1986 - 1987
<b>CHIEF RESIDENT</b> Department of Physical Medicine and Rehabilitation University of Colorado Health Sciences Center	1984 - 1985
<b>UNIVERSITY OF COLORADO HEALTH SCIENCES CENTER</b> Member - University of Colorado House Staff Association Executive Committee Department Representative	1983 - 1985
<b>COMMUNITY ACTIVITIES:</b>	
<b>COLORADO SPORTS CONCUSSION SPECIAL INTEREST GROUP AND TASK FORCE</b> Jake Snakenberg Youth Sports Concussion Act	2010 - Present
<b>ARAPAHOE HIGH SCHOOL, CENTENNIAL, CO</b> Medicine Class – Annual Instructor, Brain Injury, Neuroscience	2005 - Present
<b>CRAIG HOSPITAL FOUNDATION: PUSH for the Cure Annual Fundraiser</b> Steering Committee	2002 - Present
<b>COLORADO HEAD INJURY FOUNDATION WILDERNESS CAMP PROGRAM</b> Medical Advisor and Consultant	1987 - Present
<b>NATIONAL WHEELCHAIR BASKETBALL ASSOCIATION</b> Certified Classifier	1986 - Present
<b>KEMPE CHILDREN’S FOUNDATION</b> Volunteer	1994 - 2000
<b>WINTER PARK HANDICAP SKI PROGRAM</b> Handicap Ski Instructor	1986 - 1990
<b>COLORADO PHYSICIANS SKI PATROL</b> Member	1983 – 1988
<b>KMVP RADIO SPORTS EXTRA</b> Talk Show on Sports and Disabled Persons Co-Host/Consultant	1987

**SCIENTIFIC INTERESTS / PUBLICATIONS:**

Whyte J, Ketchum J, Bogner JA, Brunner R, Hammond F, Zafonte RD, Whitenack G, **Weintraub A**. The Effects of Statin Treatment on Outcomes following Traumatic Brain Injury. *J Neurotrauma*. 2018 Jun 28. doi: 10.1089/neu.2017.5545. [Epub ahead of print] PMID: 29954258

Hays K, Thompson S, **Weintraub A**, Ketchum J. Rhythmic Auditory Stimulation and Gait Training in Traumatic Brain Injury: A feasibility Study. *The Journal of Head Trauma Rehabilitation*. 2018 33(3), pp E81.

Hays K, Tefertiller C, Ketchum J, Eagye C, O'Dell D, Natale A, **Weintraub A**. The Use of the Balance Evaluation Systems Test for Individuals with Chronic Traumatic Brain Injury. *The Journal of Head Trauma Rehabilitation*. 2018 33(3), ppE81

**Weintraub A**. Cerebral Fat Emboli Syndrome Masquerades as Traumatic Diffuse Axonal Injury. *The Journal of Head Trauma Rehabilitation*. 2018 33(3), ppE101

Kowalski R, **Weintraub A**, Rubin B, Gerber D, Olsen A: Impact of timing of ventriculoperitoneal shunt placement on outcome in posttraumatic hydrocephalus. *J. Neurosurg*. 2018 Feb 23:1-12. doi: 10.3171/2017.7.JNS17555. [Epub ahead of print]. PMID: 29473779

Monden K, Gerber D, Newman J, Philippus A, Biggs J, Schneider H, Spier E, **Weintraub A**, Makley M. Sleep Hygiene: A Novel, Nonpharmacological Approach to Treating Sleep-Wake Cycle Disturbance after Moderate to Severe Brain Injury on an Inpatient Rehabilitation Unit. *Brain Injury Professional* 2018 14(4), pp20-21

**Weintraub A.**, et al (2017) Severe Traumatic Brain Injury: What to Expect in the Trauma Center, Hospital and Beyond” (Based on research by TBI Model Systems). <http://www.msktc.org/tbi/factsheets/Severe-Traumatic-Brain-Injury#Top>

**Weintraub A**, Whyte, J. (2017). eL Electroencephalography in *Encyclopedia of Clinical Neuropsychology*. J. Kreutzer et al. Springer International Publishing. doi: 10.1007/978-3-319-56782-2\_24-3

Sharma A., **Weintraub A**. (2017). Endotracheal Tube in *Encyclopedia of Clinical Neuropsychology*. J. Kreutzer et al. Springer International Publishing. doi: 10.1007/978-3-319-56782-2\_25-3

**Weintraub A**, Whyte, J. (2017). eL Electroencephalography in *Encyclopedia of Clinical Neuropsychology*. J. Kreutzer et al. Springer International Publishing. doi: 10.1007/978-3-319-56782-2\_24-3

**Weintraub A**, Sharma A. (2017). International Classification of Diseases in *Encyclopedia of Clinical Neuropsychology*. J. Kreutzer et al. Springer International Publishing. doi: 10.1007/978-3-319-56782-2\_40-3

**Weintraub A**, Whyte J. (2017). Hemispherectomy in *Encyclopedia of Clinical Neuropsychology*. J. Kreutzer et al. Springer International Publishing. doi: 10.1007/978-3-319-56782-2\_37-3

**Weintraub A**, Sharma A. (2017). Carotid Endarterectomy in *Encyclopedia of Clinical Neuropsychology*. J. Kreutzer et al. Springer International Publishing. doi: 10.1007/978-3-319-56782\_13-3

**Weintraub A**, Whyte J. (2017). Blood Oxygen Level Dependent (BOLD) in *Encyclopedia of Clinical Neuropsychology*. J. Kreutzer et al. Springer International Publishing. doi: 10.1007/978-3-319-56782-2\_10-3

**Weintraub A**, Whyte J. (2017). Polysomnography in *Encyclopedia of Clinical Neuropsychology*. J. Kreutzer et al. Springer International Publishing. doi:10.1007/978-3-319-56782-2\_61-3

**Weintraub A**, Whyte J. (2017). Neuroimaging in *Encyclopedia of Clinical Neuropsychology*. J. Kreutzer et al. Springer International Publishing. doi:10.1007/978-3-319-56782-2\_52-3

- Weintraub A**, Gerber D, Kowalski R. Posttraumatic Hydrocephalus as a Confounding Influence on Brain Injury Rehabilitation – Incidence, Clinical Characteristics and Outcomes. *Archives of Physical Medicine and Rehabilitation*. 2017 Feb; 98(2):312-319.
- Stacey A, Lucas S, Dikmen S, Temkin N, Bell K, Brown A, Brunner R, Diaz-Arrastia R, Watanabe T, **Weintraub A**, Hoffman J. Natural History of Headache Five Years after Traumatic *Brain Injury*. *J Neurotrauma*. 2017 Jan 18 [Epub ahead of print]
- Weintraub A**, Dungan D, Makley M. Cerebral fat emboli syndrome: A case series of neuroimaging correlations and clinical rehabilitation outcome. *Brain Inj*. 2016;30(722).
- Weintraub A**, Gerber D, Makley M, Kowalski R. Incidence and characteristics of post-traumatic hydrocephalus during inpatient rehabilitation. *Brain Inj*. 2016;30(623).
- Kowalski R, **Weintraub A**, Gerber D. Hydrocephalus predicts outcome following traumatic brain injury. *Brain Inj*. 2016;30(624).
- Makley M, **Weintraub A**, Biggs Arnold J, Schneider H, Newman J, Philippus A, Kowalski, R, Mackzum A, Frey K, Schraa J, Gerber D. Sleep efficiency after traumatic brain injury and agitation scores on an inpatient brain injury rehabilitation unit. *Brain Inj*. 2016;30(684).
- Makley M, **Weintraub A**, Schneider H, Biggs Arnold J, Philippus A, Newman J, Kowalski R, Schraa J, Mackzum A, Frey K, Gerber D. Practical aspects of monitoring sleep with moderate-to-severe traumatic brain injury (TBI) on an inpatient rehabilitation unit. *Brain Inj*. 2016;30(720).
- Weintraub AH**, Gerber DJ, Kowalski RG. Post-Traumatic Hydrocephalus as a Confounding Influence on Brain Injury Rehabilitation: Incidence, Clinical Characteristics and Outcomes. *Archives of Physical Medicine and Rehabilitation*. Sep 23 2016.
- Politzer T, Berryman A, Rasavage K, Snell L, **Weintraub A**, Gerber DJ. The Craig Hospital Eye Evaluation Rating Scale - CHEERS. *PM&R: The Journal of Injury, Function, and Rehabilitation*. Sep 21 2016
- Kowalski R, **Weintraub A**, Mellick D, Nakamura T, Gerber D, Harrison-Felix C. *Intraventricular Hemorrhage on Early CT Predicts Poorer Short and Long Term Outcome in Moderate to Severe TBI*. October 2015. Vol 96(10):e7
- Powell J, **Weintraub A**, Dreer L, Novack T. Vision Problems after Traumatic Brain Injury. *Archives of PM&R*, July 2015. Vol 96(10):1933-1934.
- Weintraub A**, Gerber D, Gerhart K, Makley M Posttraumatic Hydrocephalus: Clinical Characteristics and Rehabilitation Outcomes. *Brain Injury*, 2014, Vol 28, No 5-6
- Ripley D, Wierman M, Gerber D, **Weintraub A**, Newman J. Comment on the Decision to Provide Testosterone Supplementation to Patients with Traumatic Brain Injury. *PM&R*, 2014, Vol 6(8):761-762.
- Weintraub, A** Guest Editor, *Brain Injury/Professional*, 2014, Vol 10, Issue 4
- Abate, M, Hamstra K, Bixler, B, **Weintraub, A**. Family Management: A Process Approach for Quality Outcomes. *Brain Injury Professional*, 2014, Volume 10, Issue 4:32-22
- Malec J, Hammond F, Flanagan S, et al. (**Weintraub A** – Contributor participant) Recommendations from the 2013 Galveston Brain Injury Conference for Implementation of a Chronic Care Model in Brain Injury. *J Head Trauma Rehabil* November/December 2013, Vol 28(6):476-483.
- Thompson S, **Weintraub A**. The Clinical Use of Neurologic Music Therapy in a Brain Injury Rehabilitation Setting: A Retrospective Analysis of Therapeutic Practice” *J Head Trauma Rehabil* September 2013, Vol 28(5):E31-E85
- Anderson J, Mason C, **Weintraub A**, Siebert A, Hartman C. Service Utilization in the Community: Development of Stratifications of Care. *The Journal of Head Trauma Rehabilitation*. September/October 2012 – Vol 27 - Issue 5

Anderson A., Mason C., Freeman N. **Weintraub A.** Military Transition Back to the Community: Regaining a Sense of Belongingness. *Brain Injury* 2012, Vol 26, No 4-5. (Accepted Abstracts from the International Brain Injury Association's Ninth World congress on Brain Injury. March 21-25, 2012. Edinburgh, Scotland.)

Ripley D., Pretz C., Harrison-Felix C., Alvarez R., **Weintraub A.** The Predictive Value of D-Dimer for Diagnosis of Venous Thrombosis in Patients with Traumatic Brain Injury in the Acute Rehabilitation Setting. *Brain Injury* 2012, Vol 26, No 4-5. (Accepted Abstracts from the International Brain Injury Association's Ninth World congress on Brain Injury. March 21-25, 2012. Edinburgh, Scotland.)

Rocchio C, Schraa J, **Weintraub A.** Family Involvement X Professional Accessibility + Shared Goals = Outcomes. *Brain Injury Professional* 2012;8(4)16-18.

Ripley D, Politzer T, Berryman A, Rasavage K, **Weintraub A.** The Vision Clinic: An interdisciplinary method for assessment and treatment of visual problems after Traumatic Brain Injury. *NeuroRehabilitation* 2010 (27) 231-235.

Cilo M, Politzer T, Ripley D, **Weintraub A.** Vision examination of TBI patients in an acute rehabilitation hospital. *Neurorehabilitation* 2010 (27) 237-242. PMID: 21098992

Politzer T, Cilo M, **Weintraub A.** A new prism use for treatment of cyclo-deviation in trochlear nerve injury. *Neurorehabilitation* 2010 (27) 255-259. PMID: 21098995

**Weintraub A,** Ashley M. "Issues in Aging Following Traumatic Brain Injury" in Mark Ashley, (ed.) Traumatic Brain Injury: Rehabilitative Treatment and Case Management (3<sup>rd</sup> Edition) CRC Press, Boca Raton, FL., 2010.

Ashley M, **Weintraub A,** Ripley D. "Bioscience Frontiers and Neuromedical Interventions Following Brain Injury" Mark Ashley, (ed.) Traumatic Brain Injury: Rehabilitative Treatment and Case Management (3<sup>rd</sup> Edition) CRC Press, Boca Raton, FL., 2010.

Jha A, **Weintraub A,** et al. "A Randomized Trial of Modafinil for the Treatment of Fatigue and Excessive Daytime Sleepiness in Individuals with Chronic Traumatic Brain Injury." *J Head Trauma Rehabil* 2008; 23(1):52-63

Jha A, Cusick, C, Harrison-Felix C, Morey C, Sendroy-Terrill M, Gerber D, **Weintraub A.**" Factors associated with Fatigue after TBI." *Archives of PM&R.* August 2004. Vol 85(8):e1-e2.

Gerber D, **Weintraub A,** Cusick C, Ricci P, Whiteneck G. "Magnetic resonance imaging of traumatic brain injury: relationship of T2 SE and T2 GE to clinical severity and outcome. *Brain Injury* 2004; 18:1083-1097.

**Weintraub A,** Ashley M. "Traumatic Brain Injury: Aging and Related Neuromedical Issues" *Traumatic Brain Injury – Rehabilitative Treatment and Case Management, Second Edition.* CRC Press LLC, 2004; 273-301 (Book Chapter)

**Weintraub A,** Gerhart, KA, Mellick, DC. "Violence-Related Traumatic Brain Injury: A Population-Based Study," *Journal of Trauma*; Volume 55(6); December 2003; 1045-1053.

**Weintraub A,** Keating, Daniel, Masel, Brent, et al. "Case Management Update: Focus on Traumatic Brain Injury" *Case Management* August 2003. (Speaker in this publication)

**Weintraub A,** Gerber D, Ricci P, Cusick C "Magnetic Resonance Imaging of Traumatic Brain Injury: Sensitivity of T2\* Weighted Gradient Echo Imaging" Scientific poster. *Arch Phys Med Rehab* Vol 82, Sept. 2001.

**Weintraub A,** Gerber D, Ricci P, Cusick C "Magnetic Resonance Imaging of Traumatic Brain Injury: Relationship to Clinical Severity and Outcome" *Arch Phys Med Rehab* Vol 82, Sept. 2001.

**Weintraub AH,** Mellick, D "Violence-Related Traumatic Brain Injury: A Population-Based Outcome Study" poster. *Arch Phys Med Rehab* Vol 82, Sept. 2001.

**Weintraub A** "The Concussed Athlete." *In Touch with CNI* (Colorado Neurological Institute) Vol IV, Issue II, April 2001.

**Weintraub A** "The Concussed Athlete." *CNI Review*, Volume 11, Number 1, Summer 2000.

**Weintraub A**, Bryan TA “Rehabilitation Nursing Utilization and Cost Following Traumatic Brain Injury.” Poster. *Arch Phys Med Rehabil* Vol 80 Sept 1999.

**Weintraub A**, Mellick D “Violence as a Cause of TBI in Colorado” poster. Brain Injury Association of Colorado Oct 99-poster/paper.

**Weintraub A**, Gerber D. “Sports Related Concussion” *Time-out* Vol. 3, Issue 3. HealthOne Broncos Sports Medicine/Rehabilitation publication 1999

Burke F, **Weintraub A**, Lanig IS et al. “A Prospective Evaluation of Color Doppler Ultrasound Imaging for the Diagnosis of Heterotopic Ossification in Spinal Cord Injured Patients” *Archives of Physical Medicine and Rehabilitation* 79:9 Sept 1998

**Weintraub A** (Editor). “Frontiers in Traumatic Brain Injury.” *CNI Review*: Vol. 8:1, Winter 1997.

**Weintraub A**. “Neuropharmacologic Approaches to Frontal Brain Dysfunction.” *CNI Review* Vol. 8:1, 1997 28-33.

**Weintraub A**. “Atypical Recovery Patterns Following Traumatic Brain Injury in Multiple Sclerosis Patients.” Scientific Paper. International Association for the Study of Traumatic Brain Injury. Melbourne, Australia 11/24/96.

**Weintraub A**. “Neuropharmacological Interventions for Frontal Lobe Injury: A Conceptual Model. Relearning Times,” 2:2, Jan, 1995.

**Weintraub A**, Hildebrand KH. “Concomitant Traumatic Brain Injury and Spinal Cord Injury.” *Management of Spinal Cord Injury*, Editor, Zejdlik CP. Wadsworth Health Sciences Publication - 2nd Edition 1991.

**Weintraub A**, Opat CA. “Motor and Sensory Dysfunction in the Brain Injured Adult.” *Physical Medicine and Rehabilitation: State of the Art Reviews*. Vol. 3, No 1 February 1989, Philadelphia - Hanley & Belfus.

**Weintraub A**, Johnson K, Heron A. “Principles of Low Pressure Drainage for Treatment of Neurogenic Bladder Complications.” *Archives of Physical Medicine and Rehabilitation*: Abstract 74:11 Nov 1993. Scientific Paper. 55th Annual Assembly. American Academy of Physical Medicine and Rehabilitation. Miami, Florida, 1993.

Smith J, **Weintraub A**, et al. “Hypoxic/Ischemic Cerebral Insult: A Retrospective Analysis within a Long Term Rehabilitation Model.” Scientific Paper Presentation Colorado Head Injury Foundation. Annual Meeting, Colorado Springs, Colorado, 1990.

Dahlberg C, **Weintraub A**, Howard S. “Language Disturbances in Closed Head Injury.” *Archives of Physical Medicine and Rehabilitation*: Abstract 68:9, Sept 1987. Scientific Paper. 49th Annual Assembly American Congress of Rehabilitation Medicine. Orlando, Florida 1987.

**Weintraub A**, Koehler C, Lammertse D, et al. “Quantitative Bone Loss after Acute SCI.” *Archives of Physical Medicine and Rehabilitation*. Abstract 69:9, Sept. 1988. Scientific Paper Presentation. 65th Annual Session American Academy of Physical Medicine and Rehabilitation. Seattle, Washington, 1988.

Daigle R, Stavros, AT, **Weintraub A**, Lanig I, et al. “Color Duplex Scanning of Heterotopic Ossification in the Spinal Cord Injured Patient.” Society of Vascular Technology Meetings. Scientific presentations, Boston, Massachusetts, 1991.

Dahlberg C, **Weintraub A**, et al, “Language Disturbances Following Closed Head Injury.” 64th Annual Session American Academy of Physical Medicine and Rehabilitation Scientific Paper Presentation. 1987

Balazy T, **Weintraub A**, Cilo M, Seibert C. “TBI Clinical Recovery Patterns: Pathological and Neuroradiological Correlations.” Study in Progress.

Biomechanics/Gait/Prosthetics and Orthotics. V.A. Sponsored Educational Film, 1983-1985.

Pilot Study of the Use of Hesperan in the Management of Acute Cerebral Infarction. University of Colorado Health Sciences Center, 1983-1985.

## **PRESENTATIONS:**

**“BRAIN INJURY AND THE FUTURE OF NEUROMODULATION REHABILITATION”** 9/28/2018  
The American Association of Orthotics and Prosthetics National Assembly  
Vancouver BC - Canada

**“OPTIMIZING OUTCOMES FOLLOWING SEVERE TBI”** 9/10/2018  
Learning Services, 2018 Brain Injury Symposium

- “TRAJECTORY OF RECOVERY AND PREDICTORS OF OUTCOME IN DISORDERS OF CONSCIOUSNESS FOLLOWING TRAUMATIC BRAIN INJURY”** 06/02/18  
4<sup>th</sup> Federal Interagency Conference on Traumatic Brain Injury  
Washington DC
- “CATASTROPHIC BRAIN INJURY RESULTING FROM EXTREME SPORTS: PREDICTORS OF OUTCOME”** 06/01/18  
University of Colorado – 3<sup>rd</sup> International Extreme Sports Medicine Congress  
Boulder, CO
- “A CONTEMPORARY UPDATE ON ADVANCES IN BRAIN INJURY REHABILITATION”** 05/11/18  
CoxHealth 28<sup>th</sup> Annual Decisions in Trauma Conference  
Springfield, MO
- “UPDATES IN PHARMACOLOGICAL REHABILITATION POST TBI”** 03/28/18  
Keynote Speaker, Kansas Brain Injury Association’s 10<sup>th</sup> Annual Professional Conference  
Kansas City, KS
- “CEREBRAL FAT EMBOLI SYNDROME MASQUERADES AS TRAUMATIC DIFFUSE AXONAL INJURY”** 03/16/18  
Poster Presentation, Co-Authored by Michael Makley, MD and Eric Spier, MD.  
North American Brain Injury Society Annual Meeting, Houston, TX
- “NEUROREHABILITATION IN DISORDERS OF CONSCIOUSNESS: RECENT ADVANCES AND CLINICAL IMPLICATIONS”** 03/14/18  
North American Brain Injury Society Annual Meeting, Houston, TX
- “QUANTIFYING SLEEP AFTER TBI: A COMPARISON OF ACTIGRAPHY SCORING METHODS.”** 01/09/18  
Poster Presentation with Kimberley Monden, PhD, Angela Philippus, BA, Don Gerber, PsyD, Jody Newman, SLP, Eric Spier, MD, Jennifer Biggs, RN, Heidi Schneider, RN, Lori Womeldoff, CTRS, James Schraa, PsyD, Michael Makley, MD.  
2018 Brain Injury Summit, Vail, CO
- “DISRUPTED SLEEP AND PAIN FOLLOWING TRAUMATIC BRAIN INJURY IN THE SUBACUTE REHABILITATION SETTING.”** 01/09/18  
Poster Presentation with Kimberly Monden, PhD, Angela Philippus, BA, Don Gerber, PsyD, Jody Newman, SLP, Eric Spier, MD, Jennifer Biggs, RN, Heidi Schneider, RN, Lori Womeldorff, CTRS, James Schraa PsyD, Michael Makley, MD.  
2018 Brain Injury Summit. Vail, CO
- “FEASIBILITY OF IMPLEMENTING A SLEEP HYGIENE PROTOCOL ON AN INPATIENT TBI REHABILITATION UNIT: PATIENT, FAMILY AND NURSING PERSPECTIVES.”** 01/09/18  
Poster Presentation with Jody Newman, SLP, Kimberly Monden, PhD, Don Gerber PsyD, Angela Phillippus, BA, Heidi Schneider, RN, Jennifer Biggs, RN, Eric Spier, MD, James Schraa, PsyD, Lori Womeldorff, CTRS, Michael Makley, MD  
2018 Brain Injury Summit, Vail, CO
- “THE USE OF THE BALANCE EVALUATION SYSTEMS TEST FOR INDIVIDUALS WITH CHRONIC TRAUMATIC BRAIN INJURY.”** 01/09/18  
Poster Presentation with Kaitlin Hays, PT, Candy Tefertiller, PT, Denise O’Dell, PT  
2018 Brain Injury Summit, Vail, CO
- “THE MISDIAGNOSIS OF ANOXIC ENCEPHALOPATHY: LEUKOENCEPHALOPATHY- CHASING THE DRAGON.”** 01/09/18  
Poster Presentation with Eric Spier, MD and Julie Hastings, MD  
2018 Brain Injury Summit, Vail, CO
- “CEREBRAL FAT EMBOLI SYNDROME MASQUERADING AS DIFFUSE TRAUMATIC AXONAL INJURY.”** 01/09/18  
Poster Presentation with Michael Makley, MD



<b>“RECOVERY PATTERNS FOLLOWING SEVERE TBI: CASE STUDIES FOR NEURO LITIGATION AND CLINICAL PRACTICE.”</b> 2018 Brain Injury Summit, Vail, CO	01/09/18
<b>“BRAIN INJURY MEDICINE: CENTERS OF EXCELLENCE, EVIDENCE INFORMED PRACTICES”</b> Paradigm National Case Manager Educational Conference Las Vegas, NV	11/17/17
<b>“DISORDERS OF CONSCIOUSNESS (DOC): AN INTRODUCTION TO MINIMAL COMPETENCY GUIDELINES FOR DOC PROGRAMS”</b> AAPM&R Annual Assembly Denver, CO	10/14/17
<b>“TRAUMATIC CATASTROPHIC INJURY: A LIFE CHANGING EVENT, BEST PRACTICES FOR MANAGEMENT AND ALIGNING EXPECTATIONS”</b> Joint Symposium sponsored by Learning Services and Craig Hospital Anchorage, Alaska	09/14/17
<b>“UNDERSTANDING TRAUMATIC BRAIN INJURY FOR THE SCI NEUROREHABILITATION PRACTITIONER”</b> Academy of Spinal Cord Injury Professionals Denver, CO	09/03/17
<b>“RATIONALE PHARMACOTHERAPY DURING TBI RECOVERY AND ACUTE NEUROREHABILITATION: ON OVERLOAD FOR THE SCI CLINICIANS”</b> Academy of Spinal Cord Injury Professionals Denver, CO	09/03/17
<b>“CONTEMPORARY ISSUES IN BRAIN INJURY MEDICINE AND NEUROREHABILITATION”</b> Brain Injury Conference Benton, Arkansas	08/11/17
<b>“OVERVIEW OF CATASTROPHIC TRAUMATIC BRAIN INJURY”</b> Spirituality Conference, “Understanding TBI for Clergy and Spiritual Leaders in the Community Craig Hospital	5/12/17
<b>“CATASTROPHIC TRAUMATIC BRAIN INJURY: FROM THE MOMENT EVERYTHING CHANGES”</b> Lecture and Panel Discussion 2017 Colorado Workers Compensation Educational Conference	04/18/17
<b>MODERATOR, SCIENTIFIC PAPERS:</b> <b>“EPIDEMIOLOGIC AND PUBLIC HEALTH PERSPECTIVES”</b> International Brain Injury Association 12 <sup>th</sup> World Congress New Orleans, LA	04/01/17
<b>“DISRUPTED SLEEP PREDICTS NEXT DAY AGITATION IN MODERATE TO SEVERE TBI”</b> Poster Presentation along with C Draganich, BA, D Gerber, PsyD, K Monden, PhD, Jody Newman, MA, Jennifer Biggs, RN, H Schneider, RN, Angela Philippus, BA, M Makley, MD International Brain Injury Association 12 <sup>th</sup> World Congress on Brain Injury New Orleans, LA 3/29-4/1/2017	3/31/17
<b>“TREATING DISRUPTED SLEEP ON A TBI UNIT WITH A SLEEP HYGIENE INTERVENTION: A FEASIBILITY STUDY”</b> Poster Presentation along M Makley, MD, K Monden, PhD, D Gerber, PsyD, J Newman, MA, A Philippus, BA, C Draganich, BA. International Brain Injury Association 12 <sup>th</sup> World Congress on Brain Injury	3/31/17

**“PHARMACOLOGICAL REHABILITATION OF FRONTAL  
BRAIN DYSFUNCTION FOLLOWING TBI”**

Neuropsychiatry & TBI - Lecture and Conference Program Chair  
Craig Hospital  
Englewood, CO

03/17/17

**“TBI AND RATIONALE PHARMACOLOGIC REHABILITATION”**

Grand Rounds, University of Colorado School of Medicine  
Denver, CO

02/01/17

**“TBI RECOVERY REHABILITATION AND REINTEGRATION”**

Arapahoe High School Medicine Class, Lecture and Tour – Craig Hospital

12/14/16

**“NEUROPHARMACOLOGY AND BRAIN INJURY REHABILITATION: EVIDENCE  
INFORMED BEST PRACTICES”**

California Brain Injury Association Medical Legal Conference  
Silverado, CA

11/18/16

**“APHASIA AND TRAUMATIC BRAIN INJURY: CHARACTERIZATION, NOVEL  
CONSIDERATIONS AND TREATMENT”**

(Presentation with Kim Frey, PhD, Kristin Mascarenes, CCC-SLP)  
The American Congress of Rehabilitation Medicine, 93<sup>rd</sup> Annual Conference

11/2/16

**“STEM CELL TRIAL FOR TBI SANBIO RESEARCH”**

Craig Hospital, Board of Directors

9/29/16

**“CONTEMPORARY ISSUES IN SPINAL CORD INJURY REHABILITATION**

Alaska Brain and Spinal Cord Injury Education Day Anchorage, Alaska

9/22/16

**“NEUROPLASTICITY AND TBI RECOVERY – THE ROLE OF MINDFULNESS,  
MEDITATION & YOGA”**

Love Your Brain Colorado Event

7/29/16

**“CATASTROPHIC SEVERE TRAUMATIC BRAIN INJURY: EXTREME SPORTS”**

2<sup>ND</sup> International Extreme Sports Medicine Congress  
Boulder, Colorado

6/10/16

**“TBI OUTCOMES AND THE SEARCH FOR THE CURE”**

Hawaii Brain Injury Association Meeting  
Oahu, Honolulu

3/26/16

**“BEST PRACTICES IN BRAIN INJURY REHABILITATION”**

Webinar, Workers Compensation

03/08/16

**“HYDROCEPHALUS PREDICTS OUTCOME FOLLOWING TRAUMATIC BRAIN INJURY”**

(Platform Presentation – Kowalski R, Weintraub A, Gerber D.)  
Eleventh World Congress on Brain Injury, The Hague, Netherlands

03/03/16

**“INCIDENCE AND CHARACTERISTICS OF POST-TRAUMATIC HYDROCEPHALUS  
DURING INPATIENT REHABILITATION” (Poster Presentation – Lead Author)**

Eleventh World Congress on Brain Injury, The Hague, Netherlands

03/02/16

**“SLEEP EFFICIENCY AND AGITATION AFTER TRAUMATIC BRAIN INJURY  
ON AN INPATIENT REHABILITATION UNIT” (Poster Presentation – Lead Author)**

Eleventh World Congress on Brain Injury, The Hague, Netherlands

03/02/16

**“THE PRACTICAL ASPECTS OF MONITORING SLEEP IN PARTICIPANTS WITH  
MODERATE TO SEVERE TRAUMATIC BRAIN INJURY ON AN INPATIENT  
REHABILITATION UNIT” (Poster Presentation – Second Author)**

03/02/16

- “CEREBRAL FAT EMBOLI SYNDROME: CLINICAL AND NEUROIMAGING CHARACTERISTICS AND OUTCOMES”** (Poster Presentation – Lead Author) 03/02/16  
Eleventh World Congress on Brain Injury, The Hague, Netherlands
- “INTRAVENRICULAR HEMORRHAGE ON EARLY CT PREDICTS POORER SHORT AND LONG TERM OUTCOME IN MODERATE TO SEVERE TBI**  
(Poster presentation – 2<sup>nd</sup> Author) 10/28/15  
Eleventh World Congress on Brain Injury, The Hague, Netherlands
- “TRANSITIONS IN LONG TERM CARE FOR PERSONS WITH DISORDERED CONSCIOUSNESS** 10/27/15  
American Congress of Rehabilitation Meeting, Dallas, TX
- “TESTOSTERONE REPLACEMENT IN HYPOGONADAL MEN FOLLOWING TBI: RESULTS FROM A DOUBLE-BLIND, PLACEBO CONTROLLED PILOT STUDY.** 10/02/15  
Poster presentation, American Academy of PM&R Annual Meeting
- “CURRENT TRENDS IN BRAIN INJURY MEDICINE NEUROREHABILITATION”** 09/24/15  
Montana State Workers Compensation State Fund Annual Governors Conference
- “CATASTROPHIC TRAUMATIC BRAIN INJURY: THE LEGAL AND REAL LIFE INTERSECT”** 09/18/15  
Iowa Defense Council Association Annual Conference on Catastrophic TBI
- “MILD TBI – HOT CLINICAL AND RESEARCH TOPICS: PANEL-CASE STUDY PRESENTATION”** 5/01/2015  
12th Annual North American Brain Injury Society Meeting
- “PREDICTIVE DETERMINATIONS OF OUTCOMES FOLLOWING SEVERE TBI: CASE STUDY PANEL SYMPOSIA”** 4/30/2015  
12th Annual North American Brain Injury Society Meeting
- “CONTEMPORARY ADVANCES IN BRAIN INJURY MEDICINE AND NEUROREHABILITATION”** 3/26/2015  
7<sup>th</sup> Annual Meeting – Brain Injury Association of Kansas and Greater Kansas City
- “SEVERE TRAUMATIC BRAIN INJURY RECOVERY PATTERNS – CASE STUDY SYMPOSIA”** 1/14/2015  
2015 Brain Injury Summit, Vail, CO
- “ADVANCES IN TRAUMATIC BRAIN INJURY NEUROREHABILITATION”** 11/7/2014  
Montana State Fund 14<sup>th</sup> Annual Medical Conference
- “PHARMACOLOGIC REHABILITATION OF NEUROBEHAVIORAL DISTURBANCES FOLLOWING TBI”** 11/7/2014  
Montana State Fund 14<sup>th</sup> Annual Medical Conference
- “THE REHABILITATION OF NEUROBEHAVIORAL DISORDERS”** 10/23/2014  
Minnesota Brain Injury Conference
- “DISORDERS OF CONSCIOUSNESS: MINIMAL COMPETENCY GUIDELINES”** 10/9 & 10/10/2014  
Presentation Participant  
American Congress of Rehabilitation Medicine  
Orlando, Florida
- “CURRENT TRENDS IN BRAIN INJURY NEURO REHABILITATION” – KEYNOTE SPEAKER** 09/12/2014  
14<sup>TH</sup> Annual – On With Life – Brain Injury Rehabilitation Fall Conference  
Ankeny, Iowa

- “SEVERE TRAUMATIC BRAIN INJURY AS A CONSEQUENCE OF EXTREME SPORTS”** 6/13/2014  
 1<sup>ST</sup> Annual International Extreme Sports Medicine Congress  
 CU Sports Medicine, University of Colorado  
 Boulder, CO
- “ADVANCES IN PHARMACOLOGIC REHABILITATION FOLLOWING TBI”** 04/30 – 5/2/2014  
**“ACUTE BRAIN INJURY MEDICINE AND REHABILITATION MANAGEMENT FOLLOWING TBI”**  
**“SYSTEMS OF CARE FOLLOWING CATASTROPHIC TBI AND POLYTRAUMA: A CASE PRESENTATION”**  
 2<sup>ND</sup> Quadrennial Alaska Brain Injury Conference/NABIS  
 Anchorage, Alaska
- “CONTEMPORARY INNOVATIONS IN BRAIN INJURY NEUROREHABILITATION”** 04/04-04/5/2014  
 2014 Brain Injury Conference: The Future of Rehabilitation Litigation Trial Lawyers Association  
 of British Columbia  
 Vancouver, BC
- “SEVERE TRAUMATIC BRAIN INJURY AS A CONSEQUENCE OF EXTREME SPORTS”** 06/13/2014  
 1<sup>ST</sup> Annual International Extreme Sports Medicine Congress  
 Boulder, CO
- (1) ADVANCES IN PHARMACOLOGIC REHABILITATION FOLLOWING TBI** 04/30 – 05/2/2014  
**(2) ACUTE BRAIN INJURY MEDICINE AND REHABILITATION MGMT FOLLOWING TBI**  
**(3) SYSTEMS OF CARE FOLLOWING CATASTROPHIC TBI AND POLYTRAUMA: A CASE PRESENTATION**  
 2<sup>nd</sup> Quadrennial Alaska Brain Injury Conference cosponsored with NABIS  
 Anchorage, Alaska
- CONTEMPORARY INNOVATIONS IN BRAIN INJURY NEUROREHABILITATION.** 04/04-04/05/2014  
 Plenary Lecture. The Future of Rehabilitation Litigation – Trial Lawyers Association  
 British Columbia - Canada
- “PHARMACOLOGICAL REHABILITATION OF NEUROBEHAVIORAL DISORDERS FOLLOWING TBI”** 04/30/14  
 St. Elias Specialty Hospital, Anchorage, Alaska
- POSTTRAUMATIC HYDROCEPHALUS: CLINICAL CHARACTERISTIC AND REHABILITATION OUTCOMES.** (Weintraub A, Gerber D, Gerhart K, Makley M.) 03/19-03/22/2014  
 Poster presentation at the Tenth World Congress on Brain Injury. San Francisco, CA. .
- “BRAINS AND BONES”** 03/11/14  
 Swedish Medical Center Grand Rounds (with Gary Maerz, MD)
- “REHABILITATION PHARMACOTHERAPY IN SEVERE TBI: A CONCEPTUAL EVIDENCE INFORMED MODEL”** 12/05/13  
 Denver Health Medical Center – Neurotrauma Grand Rounds
- “PHARMACOLOGY IN BRAIN INJURY REHABILITATION: A CONCEPTUAL APPROACH TO NEUROBEHAVIORAL DISORDERS”** 05/09/13  
 Learning Services Symposium – Challenges in the Continuum of Care following a TBI
- “21ST CENTURY INNOVATIONS IN BRAIN INJURY REHABILITATION”** 04/11/13  
**KEYNOTE SPEAKER** – Minnesota Brain Injury Alliance  
 Minneapolis, MN
- PHARMACOLOGIC REHABILITATION OF NEUROBEHAVIORAL DISTURANCES FOLLOWING TRAUMATIC BRAIN INJURY** 04/11/13  
 Minnesota Brain Injury Alliance

<b>“THE STATE OF THE ART IN BRAIN INJURY TREATMENT &amp; REHABILITATION KEYNOTE SPEAKER</b> - Brain Injury Alliance – Iowa From Research to Reality – Best Practices in Brain Injury Service Delivery West Des Moines, Iowa	03/08/13
<b>“ADVANCES IN CATASTROPHIC BRAIN INJURY NEUROREHABILITATION”</b> Zenith Insurance Company San Diego, CA	01/24/13
<b>“CURRENT CONCEPTS OF SCI REHABILITATION – WHAT CASE MANAGERS NEED TO KNOW”</b> Zenith Insurance Company San Diego, CA	01/24/13
<b>“MILITARY RELATED TRAUMATIC BRAIN INJURIES”</b> Guest Interviewee on “Studio 12,” PBS/Colorado Public Television	11/7/12
<b>“21<sup>ST</sup> CENTURY INNOVATION IN BRAIN INJURY MEDICINE AND REHABILITATION”</b> International Symposium on Life Care Planning Denver, CO	9/23/12
<b>“PHARMACOLOGICAL REHABILITATION OF NEUROCOGNITIVE AND BEHAVIORAL DISTURBANCES IN THE BRAIN INJURED ADULT”</b> International Symposium on Life Care Planning – Pre-Course Denver, CO	9/20/12
<b>“21<sup>ST</sup> CENTURY INNOVATIONS IN BRAIN INJURY MEDICINE AND REHAB”</b> North American Brain Injury Society Miami, FL	9/15/12
<b>“SERVICE UTILIZATION IN THE COMMUNITY: DEVELOPMENT OF STRATIFICATIONS OF CARE”</b> Poster Presentation (with J. Anderson, C. Mason, A Siebert) North American Brain Injury Association	9/12/12
<b>“PHARMACOLOGIC REHABILITATION OF NEUROBEHAVIORAL DISTURBANCES FOLLOWING TRAUMATIC BRAIN INJURY”</b> World Federation for NeuroRehabilitation, Biennial Congress Melbourne, Australia	05/19/12
<b>“21<sup>ST</sup> CENTURY INNOVATIONS IN BRAIN INJURY REHABILITATION”</b> Learning Services Lakewood, CO	04/19/12
<b>“RECOVERY, REHABILITATION AND OUTCOMES IN CATASTROPHIC TBI: IMPORTANCE AND PERSPECTIVES”</b> Pinnacle Assurance Denver, CO	03/13/12
<b>“NEW HORIZONS IN THE FIELD OF BRAIN INJURY MEDICINE AND NEUROREHABILITATION”</b> Touchstone/Nexus Neurorecovery Network Houston, TX	11/18/11
<b>“21<sup>ST</sup> CENTURY INNOVATIONS IN THE CARE AND REHABILITATION OF TBI”</b> 29 <sup>th</sup> Annual Conference of the Brain Injury Alliance of Colorado (BIAC) – Keynote Speaker Denver, CO	10/12/11

<b>“BRAIN INJURY PHARMACOLOGY”</b> Swedish Medical Center, Family Practice Residency Program	08/02/11
<b>“NEUROPHARMACOLOGIC REHAB IN THE BRAIN INJURY ADULT”</b> Insurance Rehabilitation Study Group (IRSG) 46 <sup>th</sup> Annual Meeting San Diego, CA	04/12/11
<b>“ADVANCES IN BRAIN INJURY REHAB: SEARCHING FOR THE CURE”</b> Pacific NW Brain Injury Association Conference – Keynote Speaker Portland, OR	04/04/11
<b>“THE NEUROSCIENCE OF BRAIN INJURY REHAB: PRACTICAL APPROACHES TO LONG TERM MANAGEMENT”</b> University of Idaho’s TBI Webinar	03/09/11
<b>“SPORTS CONCUSSIONS”</b> Sports Medicine Symposium – USA Rugby Conference Las Vegas, NV	02/11/11
<b>“SPASTICITY AND TBI”</b> Joint Meeting – National Association of State Head Injury Administrators and North American Brain Injury Society Minneapolis, MN	10/07/10
<b>“TREATMENT OF TRAUMATIC BRAIN INJURY AT THE LONG TERM CARE HOSPITAL: CHALLENGES AND OPPORTUNITIES”</b> The National Association of Long Term Hospitals Dallas, TX	10/23/09
<b>“TBI REHAB”</b> Farmers Insurance Claims Executives Presentation at Craig Hospital Englewood, CO	10/14/09
<b>“STATE OF THE ART BRAIN INJURY REHABILITATION”</b> Paradigm Healthcare – Case Managers Presentation at Craig Hospital Englewood, CO	6/19/07
<b>“TRAUMATIC BRAIN INJURY NEUROLOGICAL RECOVERY PATTERNS: IMPLICATIONS FOR THE REHABILITATION THERAPIST IN TREATMENT PLANNING”</b> TBI Model Systems Leadership Conference Denver, CO	5/17/07
<b>“STATE OF THE ART INTERVENTIONS FOR TRAUMATIC BRAIN INJURY PATIENTS AND FAMILIES”</b> Brain Injury Association of Utah	3/07/07
<b>“NEUROPHARMACOLOGIC ADVANCES AND TRAUMATIC BRAIN INJURY”</b> California Brain Injury Association Napa, CA	9/01/06
<b>“CATASTROPHIC TRAUMATIC BRAIN INJURY – EVIDENCE-BASED PRACTICES”</b> Colorado Trauma Society Denver, CO	6/16/06
<b>“OUTCOME ORIENTED TRAUMATIC BRAIN INJURY REHAB – PREDICTORS, SYSTEMS OF CARE AND COMMUNITY REINTEGRATION”</b> Annual Colorado State Rehabilitation Counselors Conference	5/24/06

<b>“BENCH SCIENCE MEETS TBI CLINICAL PRACTICE, A NEUROREHABILITATION PERSPECTIVE”</b> 6 <sup>th</sup> Annual University of California Neurotrauma Meeting Ojai, California	8/11/05
<b>“FACTORS ASSOCIATED WITH FATIGUE AFTER TRAUMATIC BRAIN INJURY”</b> ACRM-ASNR Joint Conference Ponte Vedra Beach, FL (Paper presented by Amitabh Jha MD – Alan Weintraub, et al contributed to study)	09/11/04
<b>“ADVANCES IN TRAUMATIC BRAIN INJURY NEUROREHABILITATION”</b> Eleventh Annual Brain Injury Conference – Mayo Clinic Rochester, MN	06/18/04
<b>“PHARMACOLOGIC REHABILITATION OF NEUROCOGNITIVE AND BEHAVIORAL DISTURBANCES IN THE BRAIN INJURED ADULT”</b> Eleventh Annual Brain Injury Conference – Mayo Clinic Rochester, MN	06/18/04
<b>“PHARMACOLOGIC REHABILITATION IN THE ADULT TBI PATIENT”</b> Centre for Neuro Skills Bakersfield, CA	04/02/04
<b>“BRAIN INJURY NEUROLOGICAL RECOVERY PATTERNS”</b> Montana State Fund – 3 <sup>rd</sup> Annual Education Conference Helena, Montana	11/11/03
<b>“TRAUMATIC BRAIN INJURY – ADVANCES &amp; INTERVENTIONS”</b> Montana State Fund – 3 <sup>rd</sup> Annual Education Conference Helena, Montana	11/11/03
<b>“TRAUMATIC BRAIN INJURY NEUROLOGIC RECOVERY PATTERNS: IMPLICATIONS FOR THE REHABILITATION THERAPIST IN TREATMENT PLANNING”</b> Contemporary Forum – Traumatic Brain Injury Conference San Francisco, CA	04/11/03
<b>“REHABILITATIVE PHARMACOTHERAPY AND FRONTAL BRAIN DYSFUNCTION”</b> Contemporary Forum – Traumatic Brain Injury Conference San Francisco, CA	04/11/03
<b>“CASE STUDIES IN DYSPHAGIA MANAGEMENT: ASSESSMENT, THERAPY AND MEDICAL TREATMENT”</b> Contemporary Forum – Traumatic Brain Injury Conference San Francisco, CA	04/11/03
<b>“TRAUMATIC BRAIN INJURY CASE MANAGEMENT</b> Case Management Society of American – Rocky Mtn. Chapter Denver, CO	02/18/03
<b>‘TRAUMATIC BRAIN INJURY ISSUES’</b> Regis University, Physical Therapy Department	01/28/03
<b>“TBI EVALUATION, PREDICTORS AND REHABILITATION CONCEPTS”</b> University of Hawaii Trauma Grand Rounds	12/2002
<b>“NEUROPHARMACOLOGIC TRENDS IN ACUTE AND CHRONIC TBI MANAGEMENT”</b> University of Hawaii	12/2002

<b>“TBI REHABILITATION: NEW DEVELOPMENTS &amp; TRENDS”</b> 2002 Governor’s Conference on Workers’ Compensation & Occupational Safety and Health West Yellowstone, MT	09/19/02
<b>“SEARCHING THE CURE”</b> The Brain Injury Symposium Honolulu, Hawaii	06/29/02
<b>“NEUROPHARMACOLOGY OF THE FRONTAL LOBES”</b> The Brain Injury Symposium Honolulu, Hawaii	06/28/02
<b>“TRAUMATIC BRAIN INJURY REHABILITATION”</b> Western Association of Workers’ Compensation Boards Denver, Co	05/13/02
<b>“CONCUSSION: A MEDICAL STANDPOINT”</b> Trainers/Coaches State Conference Denver, Co	03/23/02
<b>“PATHOPHYSIOLOGY &amp; MEDICAL MANAGEMENT OF TRAUMATIC BRAIN INJURY</b> Regis University, Department of Physical Therapy Denver, Co	03/12/02
<b>“TBI SYSTEMS OF CARE”</b> Speaker/Facilitator (Private/Public Agencies) Hawaii	3/7 – 3/8/02
<b>“BRAIN INJURY REHAB”</b> Pinnacol Insurance Seminar Denver, Co	02/27/02
<b>“TRAUMATIC BRAIN INJURY, THE CUTTING EDGE”</b> Brain Injury Association Meeting Hawaii	11/30 – 12/01/01
<b>“OVERVIEW OF TRAUMATIC BRAIN INJURY REHABILITATION”</b> Colorado Case Management Association Meeting Craig Hospital, Englewood, Co	11/13/01
<b>“LATEST DEVELOPMENTS IN TRAUMATIC BRAIN INJURY”</b> Louisiana Workers Compensation Corporation Annual Meeting New Orleans, LA	10/11 – 10/12/01
<b>“LATEST DEVELOPMENTS IN TRAUMATIC BRAIN INJURY”</b> Occupational Medicine 2001: New Challenges, Best Practices Southern Physical Rehab Network & Tenet HealthSystem	10/11 – 10/12/01
<b>“TRAUMATIC BRAIN INJURY”</b> Louisiana Workers Compensation & Gen Cologne Re Craig Hospital, Englewood, CO	08/02/01
<b>“CATASTROPHIC TRAUMATIC BRAIN INJURY – ADVANCES IN INTERVENTION AND VIDEO VIGNETTES”</b> Fourteenth Annual Trauma Symposium Stanford Hospital & Clinics	07/31/01



<b>“SPORT CONCUSSION MANAGEMENT IN THE PROFESSIONAL ATHLETE”</b> Professional Hockey Athletic Trainers & Equipment Mangers Annual Conference Palm Springs, CA	06/26/01
<b>“TBI MODEL SYSTEMS PROGRAM”</b> Colorado Workers Compensation Special Funds Unit	05/22/01
<b>“ADVANCES IN BRAIN INJURY TREATMENT”</b> American Association of Legal Nurse Consultants Broomfield, Colorado	4/20/01
<b>“CATASTROPHIC SPINAL CORD AND BRAIN INJURY”</b> Zenith Insurance Sarasota, Florida	04/04 – 04/05/01
<b>“OVERVIEW OF TBI REHAB”</b> Regis University, Department of Physical Therapy Denver, CO	03/22/01
<b>“ACUTE CARE AND REHABILITATION”</b> Understanding Traumatic Brain Injury for the Clergy Craig Hospital Englewood, Colorado	01/18/01
<b>“SEARCHING THE CURE: REALITY VS. HOPE”</b> 2000 Brain Injury Symposium Hawaii Convention Center Honolulu, Hawaii	12/09/00
<b>“RECOGNIZING AND COORDINATING CATASTROPHIC INJURY”</b> 55 <sup>th</sup> Annual Florida Workers’ Compensation Educational Conference Orlando, Florida	09/27/00
<b>“TRAUMATIC BRAIN INJURY AND REHABILITATION”</b> 28 <sup>th</sup> Annual WAWCB Conference Coeur d’Alene, Idaho	07/25/00
<b>“ADVANCES IN THE FIELD OF CATASTROPHIC TRAUMATIC BRAIN INJURY”</b> Zenith and General Reinsurance Sarasota/Orlando, Florida	06/26-27/00
<b>“TRAUMATIC BRAIN INJURY AND REHABILITATION”</b> 28th Annual Western Association of Workers Compensation Boards Idaho	06/25/00
<b>“PHARMACOLOGIC REHABILITATION OF THE BRAIN INJURED ADULT”</b> 5th Annual Traumatic Brain Injury/Spinal Cord Injury Research Symposium University of Kentucky Lexington, Kentucky	06/12/00
<b>“PHARMACOLOGY AND TRAUMATIC BRAIN INJURY”</b> University Hospital, Department of Physical Medicine and Rehabilitation Denver, Colorado	06/06/00
<b>“TRAUMATIC BRAIN INJURY REHABILITATION: “NEW DEVELOPMENTS AND TRENDS”</b> Educational Planning Committee, Inc. NCARIP/NCNARPPS	03/24/00
<b>“PATHOPHYSIOLOGY AND MEDICAL MANAGEMENT OF TRAUMATIC BRAIN INJURY”</b> Regis University	03/14/00

Denver, Colorado

**“VIOLENCE AS A CAUSE OF TBI IN COLORADO”**

10/07-09/99

**“AN OVERVIEW OF THE TBI MODEL SYSTEM”**

Brain Injury Association of Colorado  
17<sup>th</sup> Annual Conference  
Vail, Colorado

**“BRAIN INJURY TREATMENT AND REHABILITATION”**

10/05/99

Idaho Industrial Commission  
1999 Annual Workers’ Compensation Seminar  
Boise, Idaho

**“PHARMACOLOGICAL APPROACHES TO FRONTAL BRAIN DYSFUNCTION”**

09/29/99

Wyoming Medical Center – Grand Rounds  
Cheyenne, Wyoming

**“SPORTS RELATED CONCUSSION”**

09/07/99

Denver Broncos Sports Medicine Clinic In service  
Englewood, Colorado

**“RECENT DEVELOPMENTS IN THE FIELD OF TRAUMATIC BRAIN INJURY”**

07/28/99

ROSE Fifteenth Annual Seminar  
Minneapolis, Minnesota

**“ADVANCES IN TBI CARE FOR SCHOOL-AGED CHILDREN”**

05/21/99

State School Nurses Conference  
Denver, Colorado

**“NEUROPHARMACOLOGICAL APPROACHES TO FRONTAL BRAIN DYSFUNCTION”**

05/12/99

Lectureship – San Juan Regional Medical Center  
Farmington, New Mexico

**“ADVANCES IN TBI REHABILITATION”**

05/02/99

Searching the Cure  
Insurance Rehabilitation Study Group  
San Francisco, California

**“OVERVIEW TBI MODEL SYSTEMS”**

04/22/99

BIAC Board Meeting  
Englewood, Colorado

**“SPORTS RELATED CONCUSSION”**

03/20/99

Bronco’s Sports Medicine Rehabilitation Symposium  
Denver, Colorado

03/02/99

**“SEARCHING THE CURE: REALITY VS. HOPE”**

03/18/99

Brain Injury Association of Iowa  
Emerging Practices in BI Service Delivery  
Des Moines, Iowa

**“NEW DEVELOPMENTS IN TRAUMATIC BRAIN INJURY REHAB”**

02/27/99

San Juan Regional Medical Center Trauma Conference  
Trauma: Scene to Salvage ‘99  
Farmington, New Mexico

**“RECENT DEVELOPMENTS IN BRAIN INJURY**

02/19/99

Craig Hospital Grand Rounds  
Englewood, Colorado

**“TBI MODEL SYSTEMS AND THE ROCKY MOUNTAIN REGIONAL BRAIN INJURY SYSTEM”** 02/09/99

Craig Hospital Grand Rounds  
Englewood, Colorado

**“NEUROMEDICAL CONSEQUENCES OF BRAIN INJURY: ADVANCED TREATMENT CONCEPTS”** 11/20/98

**“THE CUTTING EDGE: MOVING LIFE CARE PLANNING TO THE NEXT LEVEL”**  
Life Care Planning Conference  
Atlanta, Georgia

**“INTRATHECAL BACLOFEN THERAPY IN ABI DISCUSSION GROUP”** 11/06/98

AAPM&R-Medtronics Meeting  
Seattle, Washington

**“POTENTIALLY NEW MEDICATIONS TO TREAT SPASTICITY DUE TO ACQUIRED BRAIN INJURY”** 11/05/98

AAPM&R Meeting  
Seattle, Washington

**PHARMACOLOGY AND TBI”** 11/01/98

**“OUTPATIENT SERVICE UTILIZATION POST TBI” POSTER**

**“TBI OUTCOMES AND VIOLENCE” POSTER**

**“TBI COGNITIVE HEALTH” POSTER**

**“ATYPICAL TBI RECOVERY PATTERNS” POSTER**

BIA National  
New Orleans, Louisiana

**“PHARMACOLOGICAL APPROACHES TO THE FRONTALLY IMPAIRED”** 10/23/98

Plastic Surgery Lectureship  
Swedish Medical Center  
Englewood, Colorado

**“TBI REHAB AND MANAGEMENT”** 10/13-14/98

Swiss Re America  
Denver, Colorado

**“ADVANCES IN TBI REHAB”** 10/08-09/98

**“SEARCHING THE CURE: REALITY VS. HOPE”**

**“SPASTICITY/DYSTONIA AND OTHER PHYSICAL SEQUELAE”**

Brain Injury Association of Colorado  
Vail, Colorado

**“TBI REHAB”** 02/10/98

AIG Insurance  
Phoenix, Arizona

**“INJURY SEVERITY, RECOVERY PATTERNS AND PREDICTIVE OUTCOME IN SEVERE HEAD INJURY”** 10/28/97

11th Annual Stanford Trauma Symposium  
Mystery and Intrigue of Trauma II  
Stanford, California

**“SPORTS RELATED REPETITIVE MILD BRAIN INJURIES”** 10/17/97

Penrose Hospital 10th Annual Trauma Symposium  
Colorado Springs, Colorado

<b>“BRAIN INJURY: RECOVERY PATTERNS AND PREDICTORS OF OUTCOME”</b> <b>“ADVANCES IN NEUROPHARMACOLOGIC RESEARCH IN CATASTROPHIC SCI AND TBI”</b> 2nd Annual Life Care Planning Conference Outcomes and Accountability New Orleans, Louisiana	10/09/97
<b>“NEUROPHARMACOLOGIC APPROACHES TO FRONTAL BRAIN DYSFUNCTION”</b> <b>“ATYPICAL RECOVERY PATTERNS FOLLOWING TBI”</b> Brain Injury Association of Colorado Vail, Colorado	10/03/97
<b>COMPREHENSIVE TBI TRAINING SEMINAR</b> Prudential Case Management Training Seminar Craig Hospital, Englewood, Colorado	03/07/97
<b>“THE NEUROLOGY OF BRAIN INJURY”</b> TBI Educators' Conference Denver, Colorado	03/01/97
<b>“TBI - AN OVERVIEW OF THE SILENT EPIDEMIC”</b> PCA Solutions - Workers' Compensation Orlando, Florida	02/12/97
<b>“NEUROPHARMACOLOGIC APPROACHES TO FRONTAL BRAIN DYSFUNCTION”</b> Craig Hospital's Annual Medical Staff Meeting Englewood, Colorado	02/09/97
<b>“CURRENT TRENDS AND SYSTEMS OF CARE”</b> HCBS-BI Case Managers Training Department of Health Care Policy and Financing Office of Public and Private Initiatives Denver, Colorado	12/9-10/96
<b>“ATYPICAL RECOVERY PATTERNS FOLLOWING TRAUMATIC BRAIN INJURY IN MULTIPLE SCLEROSIS PATIENTS”</b> Scientific Poster and Paper International Association for the Study of Traumatic Brain Injury Melbourne, Australia	11/23-24/96
<b>“MANAGEMENT OF CATASTROPHIC INJURY CLAIMS”</b> Chartered Property Casualty Underwriters Denver, Colorado	10/3-4/96
<b>“HETEROTOPIC OSSIFICATION IN TBI PATIENTS”</b> Symposium O'Hare Rehabilitation Center Denver, Colorado	09/11/96
<b>“STROKE REHABILITATION”</b> Bethany Healthplex Denver, Colorado	06/96
<b>“THE FRONTAL LOBE SYNDROME”</b> Learning Services Lakewood, Colorado	02/96

<b>“THE NEUROLOGIC EXAMINATION IN TBI”</b> Metro State College - Speech Department Denver, Colorado	11/16/95
<b>“NEUROMEDICAL CONSEQUENCES OF TRAUMATIC BRAIN INJURY AN INTERDISCIPLINARY APPROACH”</b> Missoula, Montana	08/25-26/95
<b>“TBI MODELS OF CARE AND SUBSTANCE ABUSE” (Interviewer)</b> Northern Rockies Brain Injury Symposium Missoula, Montana	08/25-26/95
<b>“PCA SOLUTIONS - STATE OF THE ART ISSUES IN TRAUMATIC BRAIN INJURY CARE”</b> Workers' Compensation Insurance Group Orlando, Florida	03/31/95
<b>“ADVANCES IN NEUROLOGICAL ASPECTS OF BRAIN INJURY REHABILITATION”</b> Learning Services Lakewood, Colorado	12/13/94
<b>“MEDICAL AND REHABILITATION MANAGEMENT OF TBI”</b> Metlife Training Seminar Craig Hospital Englewood, Colorado	12/5/94
<b>“THE NEUROLOGICAL EXAMINATION -- A FUNCTIONAL MODEL”</b> Speech Department Lectureship Series Metro State University Denver, Colorado	10/27/94
<b>“TRAUMATIC BRAIN INJURY -- A CATASTROPHIC INJURY MODEL”</b> Two Lectureships 49th Annual Florida workers' Compensation Educational Conference Orlando, Florida	09/20/94
<b>“CUTTING EDGE ISSUES IN TBI”</b> Case Managers Seminar Bear Creek Learning Services Lakewood, Colorado	01/10/94
<b>“OVERVIEW OF TRAUMATIC BRAIN INJURY REHABILITATION”</b> General Re-insurance Seminar Craig Hospital Englewood, Colorado	11/18/93
<b>“PRINCIPLES OF LOW PRESSURE DRAINAGE FOR THE TREATMENT OF NEUROGENIC BLADDER COMPLICATIONS”</b> 55th Annual Assembly American Academy of Physical Medicine and Rehabilitation Miami, Florida	11/03/93
<b>MODERATOR - “TBI SCIENTIFIC PAPER SESSIONS”</b> 55th Annual Assembly American Academy of Physical Medicine and Rehabilitation Miami, Florida	11/02/93
<b>“CUTTING EDGE ISSUES IN TBI CARE: AN OVERVIEW”</b> Metropolitan Life Insurance Seminar Miami, Florida	09/15/93

<b>“PATHOPHYSIOLOGY AND RECOVERY PATTERNS OF TRAUMATIC SUBCORTICAL INJURIES”</b> Brain Injury Program - Grand rounds Craig Hospital Englewood, Colorado	04/08/93
<b>“BRAIN INJURY - THE SILENT EPIDEMIC”</b> Issues of the 90's Lectureship Cherry Creek High School Englewood, Colorado	03/15/93
<b>“COMPREHENSIVE REHABILITATION: REIMBURSEMENT PERSPECTIVES A PHYSICIANS ROLE - CONFRONTING OUR FUTURE”</b> American Academy of Physical Medicine and Rehabilitation 54th Annual Assembly San Francisco, California	11/13/92
<b>MODERATOR: TBI SCIENTIFIC PAPER SESSIONS</b> 54th Annual Assembly American Academy of Physical Medicine and Rehabilitation San Francisco, California	11/13/92
<b>“THE SPECTRUM OF TRAUMATIC BRAIN INJURY”</b> Workers Compensation Reinsurance Bureau Newark, New Jersey	11/12/92
<b>“OVERVIEW OF TBI”</b> <b>“MECHANISMS OF TBI”</b> <b>“NEUROLOGIC RECOVERY PATTERNS OF TBI”</b> State Farm Insurance Conference Denver, Colorado	03/26/92
<b>“PREVENTION OF TBI AND THE USE OF BICYCLE SAFETY HELMETS”</b> Craig Hospital - Brain Injury Program - Grand Rounds	01/09/92
<b>“ACUTE NEUROPHARMACOLOGIC MANAGEMENT IN TBI PATIENTS”</b> Swedish Trauma Service Rounds	12/13/91
<b>“PREVENTION OF TBI AND THE USE OF BICYCLE SAFETY HELMETS”</b> Colorado Medical Society Denver, Colorado	11/12/91
<b>“RECOVERY PATTERNS FOLLOWING HYPOXIA-ISCHEMIC CEREBRAL INJURY”</b> Heritage Rehabilitation Hospital Denver, Colorado	10/19/91
<b>“OVERVIEW OF TRAUMATIC BRAIN INJURY”</b> Executive Risk Consultants, Inc. Altamonte Springs, Florida	09/18/91
<b>“BRAIN INJURY REHABILITATION: BEHAVIORAL PROBLEMS AND CHOICE OF MEDICATION”</b> Bethesda Psych Hospital Denver, Colorado	08/13/91

<b>“THE SILENT EPIDEMIC - TRAUMATIC BRAIN INJURY”</b> Thousand Points of Light Colorado Head Injury Foundation Benefit	06/91
<b>“THE REALITIES OF BRAIN INJURY”</b> The National Head Injury Foundation Denver, Colorado	04/26/91
<b>“NEUROPHARMACOLOGY IN BRAIN INJURY”</b> Head Injury Association Detroit, Michigan	04/25/91
<b>“NEUROPHARMACOLOGY IN BRAIN INJURY”</b> American Speech and Language Association Denver, Colorado	04/19/91
<b>“NEUROPHARMACOLOGICAL APPROACHES IN BRAIN INJURED REHABILITATION”</b> Colorado Speech-Language-Hearing Association Lakewood, Colorado	04/11-13/91
<b>INTRODUCTION - CO-MODERATOR “THE CUTTING EDGE”</b> 9th Annual Southwest Brain Injury Conference Vail, Colorado	01/14/91
<b>“DISCHARGE PLANNING FROM A PHYSICIAN'S PERSPECTIVE”</b> Colorado Head Injury Foundation - Case Manager's Conference Denver, Colorado	07/27/90
<b>“PHARMACOLOGIC MANAGEMENT IN BRAIN INJURY”</b> INSERVICE - Nursing Staff Craig Hospital Englewood, Colorado	03/06/90
<b>MODERATOR - “HEAD INJURY SCIENTIFIC PAPERS”</b> 8th Annual Southwest Head Injury Symposium Sedona, Arizona	02/13/90
<b>CO-ORGANIZER - “NEURO-ANATOMY COURSE”</b> Colorado Neurologic Institute	02/90
<b>“HETEROTOPIC OSSIFICATION FOLLOWING CENTRAL NERVOUS SYSTEM INJURY”</b> Colorado Society of Rehabilitation Nursing Denver, Colorado	01/19/90
<b>“FACTS, MYTHS AND REALITIES”</b> <b>“SPECTRUM OF TRAUMATIC BRAIN INJURY: RECOVERY PATTERNS, COMPLICATIONS AND SEQUELAE”</b> <b>“TRAUMATIC BRAIN INJURY: TYPES OF INJURY, INITIAL EVALUATION AND TREATMENT VEGETATIVE STATES”</b> Colorado Trial Attorneys Update, Colorado Head Injury Foundation Denver, Colorado	02/24/89
<b>MODERATOR - “HEAD INJURY SCIENTIFIC PAPERS”</b> 7th Annual Southwest Head Injury Symposium Options for the 1990's - Opportunities for Success Park City, Utah	01/30/89
<b>“USE OF PHARMACOLOGIC AGENTS IN TBI”</b> <b>“PEDS REHAB '89”</b> <b>“MANAGEMENT OF SPASTICITY AND HEAD INJURY”</b>	01/19-20/89

Children's Hospital  
Denver, Colorado

**“TRAUMATIC BRAIN INJURY - AN OVERVIEW”**

01/13/89

3rd Annual Winter Conference  
The Workers' Compensation Education Association  
Denver, Colorado

**“OVERVIEW OF TRAUMATIC BRAIN INJURY AND REHABILITATION  
SYSTEMS OF CARE”**

12/12/88

Swedish Medical Center Neurosensory Meeting  
Englewood, Colorado

**“QUANTITATIVE BONE LOSS AFTER SPINAL CORD INJURY”**

10/30-11/04/88

American Congress of Rehabilitation Medicine  
American Academy of Physical Medicine and Rehabilitation  
Seattle, Washington

**“MECHANISMS OF BRAIN INJURY”**

10/22/88

**“MINOR HEAD INJURY: CENTRAL NERVOUS SYSTEM SPASTICITY”**

Second Annual Pacific Coast Brain Injury Association  
B.C. Head Injury Association & Western Rehabilitation Society  
Richmond, B.C.

**“TRAUMATIC BRAIN INJURY: A SYSTEM OF CARE”**

10/07/88

North American Reinsurance  
Craig Hospital  
Englewood, Colorado

**“THE USE OF PHARMACOLOGICAL AGENTS IN BRAIN INJURED PATIENTS”**

08/19-21/88

Colorado Head Injury Foundation, Inc.  
6th Annual Family/Professional Conference  
Colorado Springs, Colorado

**“OVERVIEW OF HEAD INJURY”**

07/88

Behavioral Attendant Orientation Service  
Craig Hospital  
Englewood, Colorado

**“SPASTICITY MANAGEMENT IN THE HEAD INJURED ADULT”**

05/20/88

Robert Wood Johnson Institute  
Edison, New Jersey

**“MEDICAL/NEUROLOGICAL AND REHABILITATION SEQUELAE  
FOLLOWING TRAUMATIC BRAIN INJURY”**

05/04/88

University of Colorado Residency Lectureship  
Denver, Colorado

**“PATHOPHYSIOLOGY AND RECOVERY PATTERNS FOLLOWING  
TRAUMATIC BRAIN INJURY”**

05/02/88

University of Colorado Residency Lectureship  
Denver, Colorado

**“MECHANISMS AND SEQUELAE MANAGEMENT OF TRAUMATIC BRAIN INJURY”**

04/29/88

Disability Management 1988 - Current Legal and Medical Developments  
Denver, Colorado

**“SPASTICITY MANAGEMENT IN THE HEAD INJURED ADULT”**

01/10-13/88



<b>“SPASTICITY MANAGEMENT IN THE HEAD INJURED ADULT”</b> Heritage Rehabilitation Center Denver, Colorado	01/07/88
<b>“HETEROTOPIC OSSIFICATION IN THE HEAD INJURED ADULT”</b> Swedish Medical Center Neurotrauma Unit In service Englewood, Colorado	12/10/87
<b>“HETEROTOPIC OSSIFICATION IN THE HEAD INJURED ADULT”</b> Craig Hospital, Grand Rounds Englewood, Colorado	11/20/87
<b>“OVERVIEW OF HEAD INJURY”</b> Behavioral Attendant Orientation Service Craig Hospital Englewood, Colorado	10/87
<b>DISCUSSANT - “SCIENTIFIC PAPER PRESENTATION (HEAD TRAUMA)”</b> 49th Annual Assembly American Academy of Physical Medicine and Rehabilitation Orlando, Florida	10/19/87
<b>“HETEROTOPIC OSSIFICATION AND THE TBI ADULT”</b> 49th Annual American Academy of Physical Medicine and Rehabilitation Orlando, Florida	10/17/87
<b>“HEAD INJURY AND SEQUELAE”</b> Northern Colorado Medical Record Association Boulder, Colorado	07/24/87
<b>“RECOVERY PATTERNS, TREATMENTS, COMPLICATIONS AND SEQUELAE”</b> Management of the Head Injury Patient: The Long Term Perspective Physicians' Home Care Englewood, Colorado	06/18/87
<b>“GUNSHOT WOUND IN SPINAL CORD INJURY”</b> <b>“MANAGEMENT OF SPASTICITY”</b> Fourth Annual Physical Medicine Short Course Fitzsimons Army Hospital Aurora, Colorado	03/19-24/87
<b>“SEQUELAE OF HEAD INJURY”</b> Regency Rehabilitation Hospital Denver, Colorado	03/87
<b>“OVERVIEW OF HEAD INJURY”</b> Regency Rehabilitation Hospital Denver, Colorado	02/87
<b>“OVERVIEW OF HEAD INJURY RELATED TO SKIING”</b> Winter Park Handicap Ski Program Winter Park, Colorado	01/87
<b>“OVERVIEW OF HEAD INJURY”</b> Behavioral Attendant Orientation Service Craig Hospital Englewood, Colorado	01/87

<b>“HETEROTOPIC OSSIFICATION”</b> Orthopaedic Section Conference Swedish Medical Center, Englewood, Colorado	08/86
<b>“OVERVIEW OF HEAD INJURY”</b> University of Colorado Resident Lectureship Denver, Colorado	07/86
<b>“THE HEAD INJURY PROGRAM”</b> St. Anthony's Rehabilitation Department Denver, Colorado	06/19/86
<b>“OVERVIEW OF SPINAL INJURY”</b> South Denver Paramedic/EMT Conference Swedish Medical Center Englewood, Colorado	06/09/86
<b>“GUNSHOT WOUNDS TO THE SPINE”</b> Craig Hospital Grand Rounds Englewood, Colorado	05/17/86
<b>“SPASTICITY”</b> Centre for Neuro Skills Bakersfield, California	04/03/86
<b>“HETEROTOPIC OSSIFICATION”</b> Regency Hospital Denver, Colorado	03/86
<b>“MULTIPLE IN SERVICES TO TBI INTERDISCIPLINARY TEAM ON “CLINICAL TBI ISSUES”</b>	1986-present
<b>TRAINING OF MEDICAL STUDENTS, RESIDENTS AND FELLOWS IN “ISSUES RELATED TO TBI CLINICAL”</b>	1986-present
<b>“GUNSHOT WOUNDS OF THE SPINE”</b> Grand Rounds University of Colorado-Department of Physical Medicine and Rehabilitation Denver, Colorado	12/85
<b>“HYPERTENSION IN HEAD INJURY”</b> Pediatric In service Children's Hospital Denver, Colorado	08/85
<b>“AUTONOMIC HYPERREFLEXIA”</b> Grand Rounds University of Colorado-Department of Physical Medicine and Rehabilitation Denver, Colorado	08/84
<b>“STEROID MYOPATHY”</b> Grand Rounds University of Colorado-Department of Physical Medicine and Rehabilitation Denver, Colorado	02/84
<b>“DEPRESSION AND CNS DISORDERS”</b> Grand Rounds	05/83

University of Colorado-Department of Physical Medicine and Rehabilitation  
Denver, Colorado

**“REFLEX SYMPATHETIC DYSTROPHY”**

04/83

Grand Rounds

University of Colorado-Department of Physical Medicine and Rehabilitation  
Denver, Colorado

## **CATHLIN VINETT MITCHELL, RN, BSN, CRRN, CM**

### **Education**

1979 Bachelor of Science Degree in Nursing, University of Tennessee, Knoxville, TN

### **Conferences/Seminars (contact hours)**

- 2017 Association of Rehabilitation Nursing (12.0) covering: Catastrophic Case Management; Life Care Plans; Forensic Rehabilitation
- Association of Rehabilitation Nursing (5.0) covering: Challenges of Family Caregivers of Veterans Diagnosed with Traumatic Brain Injury; Changes in Payment Regulation and Acute Care Use of Total Hip Replacement; Trends in Length of Stay
- Association of Rehabilitation Nursing (1.0) covering Alternative Practices in Rehabilitation Nursing
- Association of Rehabilitation Nursing (1.0) covering Experience with Mirror Therapy
- American Nurses Association (1.4), Enteral Nutrition Update
- American Nurses Association (1.3), Chronic Pain
- Association of Rehabilitation Nursing (0.5), Pediatric Sepsis
- 2016 Certified Case Manager Workshop Certification (14.0) covering Current and Future Practice of High Quality Case Management and Patient Centered Case Management Services
- Association of Rehabilitation Nursing (1.0) covering Factor Influencing Outpatient Cardiac Rehabilitation Attendance
- 2015 Certified Rehabilitation Registered Nurse Review (18.0) Seminar covering: Life Care Planning; Ethical Issues; Changes in Health Care; New Therapies, Cardiac Rehabilitation; Traumatic Brain Injury; Pain Management; Spinal Cord Injury/Musculoskeletal/Orthopedic Disorders; Stroke; Pediatric Rehabilitation; Management of Aortic Stenosis
- 2014 Certified Rehabilitation Registered Nurse Review Seminar (42.5)  
Rehabilitation of Brain Injury, CRRN (12.0)  
Chemical Electrical Burns (1.0)
- 2013 ARN Nursing Traumatic Brain Injury (7.0)

CATHLIN VINETT MITCHELL, RN, BSN, CRRN, CM

- Elder Care (4.0)
- Pediatric Rehabilitation (5.0)
- Rehabilitation of Spinal Cord Injury (8.4)
  
- 2012     Core Curriculum for Case Management (23.0)
  - Case Management Society of America
  - Stroke Rehabilitation: A Function-Based Approach (7.0)
  - Wound Care: Palliative, Home, and Clinical Practices (4.0)
  - Evidence-Based Rehabilitation Nursing: Common Challenges and Interventions (10.0)
  - Bowel Management in Rehabilitation (8.1)
  - Rehabilitation of Brain Injury (7.0)
  - Pediatric Rehabilitation (5.0)
  - Nutrition and Dysphagia Management (3.0)
  - Association of Rehabilitation Nurses
  
- 2011     Understanding Spinal Cord Injury (8.4)
- Understanding Brain Injury (8.4)
  - Shepherd Center Foundation and American Trauma Society
- Assessment and Documentation of Pressure Ulcers (1.0)
  - Kinetic Concepts Incorporated (KCI)
- Understanding Treatment of Chronic Pain (1.0)
- Understanding EMG/NCV (1.0)
  - Middle Tennessee Case Managers' Association
- Neurostimulation (1.0)
  - Mid-South Workers' Compensation Association
- Medical Case Management (7.5)
  - Vanderbilt University
  
- 2010     Certified Rehabilitation Registered Nurse Review Seminar (20.5), covering:  
           Life Care Planning; Ethical Issues; Changes in Healthcare: Technical, Role Related,  
           and New Therapies; Cardiac Rehabilitation; Neuroanatomy; Traumatic Brain Injury;  
           Spinal Cord Injury; Musculoskeletal/Orthopedic Disorders; Pain Management;  
           Geriatric Rehabilitation; Trends in Rehabilitation; Achieving and Maintaining Health  
           Maintenance Goals; Stroke; Pulmonary Rehabilitation; Pediatric Rehabilitation
  
- 2009     Case Management Society of America (30.5)  
           Certified Rehabilitation Registered Nurse Seminar (20.5), covering:  
           Life Care Planning; Neuroanatomy; Traumatic Brain Injury; Spinal Cord Injury;  
           Musculoskeletal / Orthopedic Disorders; Stroke Patients; Achieving & Maintaining  
           Health Maintenance Goals; Pulmonary Rehabilitation; Cardiac Rehabilitation; Pain  
           Management; Pediatric Rehabilitation; Geriatric Rehabilitation
  
- 2008     Case Management Society of America (24.0)  
           Cultural and Language Impact on Health Care Delivery (1.0)  
           Ethical Issues with Patient Records & HIPPA (1.0)

CATHLIN VINETT MITCHELL, RN, BSN, CRRN, CM

- Management of Chronic Pain in Occupational Health (2.0)  
Medical Case Management – Vanderbilt (6.5)  
Treatment of the Lumbar Spine & Physical Therapy Evaluation (1.0)
- 2007 Case Management Society of America (22.1)  
Chronic Pain Intervention (1.0)  
Orthopedic Shock Wave (1.5)  
Reflex Sympathetic Dystrophy (1.2)  
Treatment of Lumbar Spine Injuries (1.5)
- 2006 Advanced Catastrophic Case Management (12.0)  
Advancement in Orthotics (1.5)  
Case Management Society of America (20.0)  
Life Care Planning (12.0)
- 2005 Advanced Practice in Case Management (25.0)  
Case Management Society of America (20.0)
- 2004 Case Management Society of America (22.8)
- 2003 Case Management Society of America (25.0)
- 2002 Advanced Practice in Case Management (20.5)  
Update in Life Care Planning (3.0)
- 2001 Case Management Society of America (31.3)
- 1999 Current Issues in Case Management (2.0)  
Rehabilitation of the Injured Worker (2.0)
- 1998 Advanced Catastrophic Case Management (12.0)
- 1997 Case Management Society of America (21.6)  
Life Care Planning (10.0)  
Life Care Plans: Spinal Cord Injury (20.0)
- 1996 Addressing Physical Therapy Needs (4.0)  
Case Management Society of America (21.0)  
Independent Study in Case Management (3.0)  
Spinal Cord Injury (5.0)
- 1995 Chronic Pain (3.0)  
Creating a Practical Measurement System in Post-Acute Rehabilitation for Persons  
with Acquired Brain Injury (12.0)

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Occupational Medicine (3.0)  
Pediatric Physical Therapy (3.0)  
Scope and Function of Physical Medicine and Rehabilitation (5.0)

- 1994     Brain Injury (15.0)  
           Case Management Society of America (15.0)  
           Spinal Stenosis (2.0)
- 1993     Case Management Society of America (15.0)  
           Managed Care (1.0)  
           Mid-South Department of Labor (20.0)  
           Quality Improvement and Ethics in Case Management (6.0)
- 1989     Expert Vocational Training (16.0)  
           Life Care Planning (16.0)  
           National Head Injury Seminar (including 1987 and 1986)

**Credentials**

Certified Nurse Case Manager by American Nurses Association  
Certified Rehabilitation Registered Nurse  
State of Tennessee Nursing License

**Accomplishments**

- 1994             Named one of the “Future 50” companies by the Nashville Area Chamber of Commerce.
- 1993             Care Management Consultants, Inc. was selected by the Tennessee Department of Labor to provide case management peer review.  
                    Developed the policies, procedures, and protocols for the practice of case management in the State of Tennessee for the Department of Labor
- 1992             Began testifying as Life Care Planner.
- 1989             Life Care Planning Seminar and Training. Extensive experience in consulting and preparation of life care plans.
- 1988             Appointment by Intra Corp as Trainer for the Southeast Territory. Responsible for training over 100 new case managers
- 1987 – 1990     Intra Corp Rehabilitation Regional Trainer for the Southeastern United States. Week long formalized training of new case managers that entailed coverage of Worker's Compensation laws, liability, long-term disability claims, case management, and communication skills.

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- 1986 Committee for the Development of Regional Burn Unit at Vanderbilt University.
- 1983 – 1991 Extensive case experience in coordination of catastrophic injuries, which includes Head Injury, Spinal Cord Injury, Amputations, Burns, Psychiatric, and Multiple Trauma Cases. Experience in chronic illness as well.
- 1981 – 1985 Speaking assignments at Middle Tennessee School of Nursing. Topics on Fluid and Electrolyte Imbalance, Burns, Pancreatitis, and Head Injury.
- 1981 Appointment of Staff Nurse I at Vanderbilt University Medical Center.
- 1980 Presentations for Continuing Education at Blount Memorial Hospital. Topics included Arsenic Poisoning, Fluid and Electrolyte Imbalance, and Burns. Committee for Development of Quality Guidelines in Care Planning. Recruiter, spokesperson for Registered Nurses in East Tennessee.

**Experience**

Extensive case experience and supervision of catastrophic injuries listed, i.e., head injury, spinal cord injury, amputations, burns, multiple traumas

- 1990 – Present Care Management Consultants, Inc., Brentwood, TN  
President and Owner  
Life Care Planner  
Case Manager for Catastrophic Pediatric and Adult Cases  
Manage 25 employees  
26 years direct case management experience
- 1986 – 1989 Intra Corp, Brentwood, TN  
Rehabilitation Specialist with promotion to Senior Rehabilitation Specialist  
Strong experience with worker's compensation, auto liability claims, group insurance, and long term care  
Medical case management of catastrophic cases with emphasis on head injury, spinal cord injury, amputations, and burns
- 1983 – 1985 Aetna Life & Casualty, Nashville, TN  
Nurse Coordinator in the Claim's Department Staff  
Experience with workers compensation and catastrophic injuries
- 1980 – 1983 Vanderbilt University Medical Center, Nashville, TN  
Staff II Nurse  
Charge Nurse of 32 bed unit providing care of high acuity trauma patients



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1979 – 1980      Blount Memorial Hospital in Maryville, Tennessee  
Float Nurse  
Worked throughout the hospital (mainly in ER, ICU, and Orthopaedics)

**Vita-Ernest Goss**  
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e-Mail [ernieg@creighton.edu](mailto:ernieg@creighton.edu); websites; [www.outlook-economic.com](http://www.outlook-economic.com) [www.ernestgoss.com](http://www.ernestgoss.com)  
[www.twitter.com/erniegoss](https://www.twitter.com/erniegoss)

### **Current position & outreach activities**

- January 1, 1992 – Present, MacAllister Chair in Economics, Professor of Economics, Creighton University. Each month my economic survey results appear in 100-150 print outlets, 40-75 radio outlets and scores of TV stations and blogs.
- July 1, 2014 – Dec. 31, 2015, Director of the Institute for Economic Inquiry, Creighton University.
- July 1, 2010 – Present, Research Faculty with California State University, Fresno. Designed and implemented a survey of the San Joaquin Valley, California for California State University-Fresno. Survey has been conducted monthly since October 2010.
- Fall 2009 – Fall 2015. Testified before U.S. Congress regarding the closure of GM and Chrysler dealerships. Completed analysis of Blender's Tax Credit for Congress. Testified before the Kansas Legislature and the Nebraska Legislature (numerous times).
- Fall 2005. Appointed by Nebraska Attorney General to head task force to investigate factors affecting the price of gasoline & diesel fuel in the state. Produced study which is available on request.
- December 2003 – July 2004. Scholar-in-Residence-Congressional Budget Office. Research project was to investigate the impact of the Internet on U.S. productivity growth.
- 2005-present. Created the Rural Mainstreet Economic Outlook. A monthly survey of bank CEOs in 10 states. Results are carried monthly in media outlets across the globe. [www.outlook-economic.com](http://www.outlook-economic.com) Provided Congressional testimony regarding the survey results, September 16, 2009.
- 1994-present. Created and produce a monthly survey and economic forecast for nine state Mid-American region. Survey results released in media outlets throughout the region and US. 2006 results published in over 1,000 newspaper articles, in approximately 600 recorded radio interviews and in a large number of magazines. Recent newspaper citations and news program appearances include: *The Wall Street Journal*, *St. Louis Post-Dispatch*, *Chicago Tribune*, *Charlotte Observer*, *U.S.A. Today*, *Investors Business Daily*, *NBC Nightly News*, *ABC.Com*, and the *Canadian Broadcasting System*. See monthly release at: [www.outlook-economic.org](http://www.outlook-economic.org)
- 1995-present. Created and produce a monthly survey and economic forecast for a three state Mountain States economic region. Results carried in newspapers, radio stations and magazines in the three states of Colorado, Utah and Wyoming (e.g. *Rocky Mountain News*, *KTLK Radio*, Denver, *Utah Public Radio*). See monthly release at: [www.outlook-economic.org](http://www.outlook-economic.org) August 2005. National Public TV program (nationally distributed), "Tribal Casinos in the U.S."
- 1992-present. Created and serve as the editor of *Economic Trends*, a quarterly newsletter that addresses economic issues of concern to state, regional and national business and public policy leaders [current issue 8(1)]. 10,500 subscribers nationwide. Survey results & newsletter available at: [www.outlook-economic.org](http://www.outlook-economic.org)
- Serve as keynote speaker/presenter to various groups each month. 2015 along, Keynote speaker at approximately 20 events and conferences. Panel member, Kansas City Federal Reserve Economic Roundtable, Economic Summit, Kansas City, MO; Keynote speaker at Minnesota Supply Managers Educational Conference, Minneapolis, MN; Keynote speaker at multiple events each year such as South Dakota's Annual Housing Conference, Pierre, SD. Minnesota Chamber Economic Outlook.
- Currently serve as a Cabinet member of the United Way's Community Investment Review Team (CIRT) Served as member of the Financial Audit Committee of Mosaic and on Board of Directors of Mosaic Foundation (2000-2009); Past president of NAPM-Nebraska, member of: Omaha Chamber of Commerce's *Business Research Council*; *University of Nebraska's Economic Forecasting Consensus Group*.. Past president of the *Omaha Association of Business Economics*; Editorial board of *Review of Regional Studies*; Monthly columns in *Business and Industry* and in *B2B*. Serve on boards of several not-for-profit organizations; Named as Visiting Scholar to the Congressional Budget Office; Member of Federal Reserve Bank of Kansas City-Economic Roundtable 2003, 2004, 2005, 2006, 2007.

## Current academic research

- Examining the impact of farm income on estimated income inequality.
- Investigating the impact of the release of economic indicators on intra-day bond and equity prices.

## EDUCATION

B.A., 1972; University of South Florida, Tampa, FL; Major—Mathematics/Accounting.

M.B.A., 1975; Georgia State University, Atlanta, GA; Major—Quantitative Methods/Accounting

Ph.D., 1983; University of Tennessee, Knoxville, TN, Major—Economics—Fields Econometrics, Regional Economics.

## PREVIOUS EXPERIENCE

### Funded research contracts (last 5 years):

1. **Fall 2018.** “Reducing the Property Tax Burden on Nebraska Farmers,” in-process for Fair Nebraska.
2. **Summer 2018.** “The Economic Impact of Nebraska’s Independent Colleges on the State Economy,” completed for the Council of Independent Nebraska Colleges Foundation (CINCF).
3. **Winter 2017.** “The Impact of Boys Town on the Omaha MSA and State of Nebraska,” completed for Boys Town, Omaha, NE.
4. **Winter 2017.** “The Economic Impact of the Prestage Farms Plant on the Region and State of Iowa,” produced for Mid-Iowa Growth Alliance.
5. **Winter 2017.** “The Economic Impact of the Keystone XL Pipeline on the State of Nebraska,” completed for TransCanada Corporation, Winnipeg, Canada.
6. **Spring 2017.** “The Estimated Impact of the New York Property & Casualty Insurance Industry on the State of New York, Its Counties, Political Districts and Economic Development Districts,” produced for the Independent Insurance Agents & Brokers of New York, Inc.
7. **Summer 2017.** “The Economic Impact of Omaha’s Streetcar on the Area Economy,” produced for the City of Omaha.
8. **Spring 2016.** “Public Power Costs in Nebraska: What’s Ahead,” study completed for Wind Is Water, Houston, Texas.
9. **Spring 2016.** “The Economic Impact of Anaerobic Digestion System on Iowa Counties,” study completed for EcoEngineers, Des Moines, Iowa.
10. **Spring 2016.** “Economic Impact of the Death Penalty,” study for Equal Justice USA, St. Louis, Missouri.
11. **Spring 2016.** 4 Lanes 4 Nebraska to estimate the impact of the expansion of Highway 275 on Nebraska.
12. **Winter 2015.** 4 Lanes 4 Nebraska to estimate the impact of the expansion of Highway 81 on Nebraska.
13. **Spring 2015,** Contract with Ho-Chunk to estimate the benefits of operations of Ho-Chunk on the Winnebago Community, and on the states of Iowa, Nebraska and South Dakota.
14. **Fall 2015.** Contract and study for the Platte Institute for Economic Research to examine the privatization of Nebraska’s public power system. Study is complete and available on request.
15. **Fall 2015.** Contract with the American Banking Association (ABA) investigating and estimating the economic advantage experienced by credit unions and Farm Credit due to their tax status and subsidies. Study is complete and available on request.
16. **Fall 2015.** Contract with TransCanada Corporation estimating the impact of the Keystone pipeline on Nebraska. Study is complete and available on request.
17. **Fall 2015.** Contract with Iowa Central Community College (ICCC) estimating the impact of ICCC on the service area and the State of Iowa. Study is complete and available on request.
18. **Fall 2015.** Contract with Hamilton Telecommunications to estimate the impact on the Hamilton Relay Services contract on Albany, Georgia. Study available on request.
19. **Spring 2015.** Contract with HDR, Inc. to estimate the economic impact of the University of Nebraska College of Architecture. Study is complete and available on request.
20. **Spring 2015.** Contact with College World Series Inc. estimating the impact of the College World Series on the City of Omaha and the State of Nebraska. Study is complete and available on request.
21. **Spring 2015.** Contract with New York First to estimate the impact of New York property and casualty

- industry on the state of New York. Study is complete and available on request.
22. **Spring 2015.** Joint project with the Bureau of Business Research at the University of Nebraska estimating the economic impact of CHI medical operations on the State of Nebraska.
  23. **Winter 2015.** Contract with Ho-Chunk examining the impact of Ho Chunk enterprises on the Winnebago nation, state and region. Study is complete and available on request.
  24. **Winter 2014.** Contract with 4 Lanes 4 Nebraska. Study examining the impact of expanding Nebraska's Highway 275. Study is complete and available on request.
  25. **Summer 2014.** Contract and study for Consumer Energy Alliance to examine the update previous study examining the impact of the Keystone Pipeline, Washington, DC. Study is complete and available on request.
  26. **Spring 2014.** Contract and study for Fort Dodge Growth Alliance to examine the impact of various economic development options for the eight county economic area, Fort Dodge, Iowa. Study is complete and available on request.
  27. **Spring 2014.** Contract and study for Alegen Health Care to examine the impact of Alegen's clinical and hospital operations on Iowa and Nebraska (with University of Nebraska-Lincoln). Study is complete and available on request.
  28. **Winter 2014.** Contract with Omaha Chamber of Commerce. Study to produce a Nebraska Tax System for the 21<sup>st</sup> Century: A Critique and Recommendation. Study is complete and available on request.
  29. **Winter 2014.** Contract and study for 4R Gun Club to determine the economic feasibility of a full-service shooting range in Omaha, NE. Study is complete and available on request.
  30. **Winter 2014.** Contract and study for Creighton University School of Dentistry to determine the economic contribution of an expanded dental school on the State of Nebraska and City of Omaha. Study is complete and available on request.

#### **Legal research contracts and litigation support (last 5 years):**

1. **Spring 2017.** International Foods v. Jinomaha Property Management Group, LLC,
2. **Fall 2016.** Mandi Mumm (Plaintiff) v. Jennie Edmundson Hospital.
3. **Fall 2015.** Baird-Holm Law LLC. Estimate the value of closely held corporation, Star Logistics. Analysis.
4. **Winter 2015.** Baird-Hold Law LLC. Estimate the value of crop insurance division of Farm Credit Services of America.
5. **Spring 2015.** Adam Lary (Plaintiff) v. Mitchell Enterprises,
6. **Winter 2014.** Baird-Hold Law LLC. Estimate the value of a confidential list of clients for Aureus Radiology.
7. **Fall 2014.** Knudsen, Berkheimer, Richardson & Endacott, LLP. Estimate the damages sustained by plaintiff stemming from defendant's failure to retain/hire job candidate.
8. **Fall 2014.** Fraser Stryker Law LLC. Estimate the economic damages sustained by the Everhart family from the wrongful death of Daniel Everhart.
9. **Fall 2014.** Lillis, O'Malley, Olson, Pamming, Pose, Templeman, LLP. Estimate the interest and inflation rate for a breach of contract.
10. **Summer 2014.** Stern Oil Company vs. vs. James R. Brown, DBA Exxon Good-to-Go and Freeway Mobil, Retained by plaintiff (Stern Oil Company) to estimate the damages from the breach of contract by the defendant.
11. **Spring 2014.** Aureus Radiology, L.L.C., vs. Genesis Medical Staffing, Inc. Retained by plaintiff (Aureus) to examine the economic impact of violation of a non-competition agreement and copyright law.
12. **Spring 2013.** Woodmen of the World, vs. U.S. Bank Corporation. I was retained by the defendant (U.S. Bank) to estimate damages sustained by Woodmen as a result of U.S. Bank's investment policies.
13. **Summer 2012.** City of Omaha vs. Omaha Firefighters. Retained by defendant (City of Omaha) to estimate wages for City of Omaha firefighters in arbitration hearings.
14. **Summer 2012.** Aureus Radiology. Estimation of damages for breach of non-competition agreement.

15. **Summer 2011.** Credit Bureau Services vs. Experian Credit Services. Litigation support for the plaintiff (Credit Services) examining the economic damages from anti-competitive activities of Experian Credit Services.

### **Research positions:**

1. **December 2003 to July 2004.** Visiting scholar with the Congressional Budget Office, Washington, DC. Research project was to investigate the impact of the Internet and technology expansions on economic growth.
2. **January 1990 to December 1991.** Research Fellow 1990 and 1991, *NASA's Marshall Space Flight Center*. Examined data requirements for an Executive Information System; Assisted in software selection for various projects; Worked with external contractors in verifying & validating software.
3. **June 1983 to August 1987.** Associate Director of the Center for High Technology Management and Economic Research. Prepared and submitted research proposals; Produced contract reports for funded research; Supervised both contract and non-contract research; Presented research findings to business and civic groups; Supervised and coordinated the work of research assistants; Acquired and maintained data sets to support academic and contract research. Also served as the **Interim Chair** of the Department of Management Information System, *University of Alabama in Huntsville*. Responsible for the management of nine-faculty member department (all full-time).
4. **June 1980 to Winter 1983.** Research Assistant, *Oak Ridge National Laboratory* (managed by the Nuclear Division of Union Carbide). Performed research on two contracts: Employment Impacts Associated with the Introduction of Solar Energy. Sponsor, Solar Energy Research Institute, Denver, Colorado. Nuclear Waste Disposal Siting- The Fiscal Impacts and Incentives. Sponsor: Office of Nuclear Waste Isolation, Washington, D.C.
5. **May 1978 to May 1980.** Graduate Research Assistant, *Center for Business and Economic Research-University of Tennessee*. Assisted in the preparation of the *Economic Report to the Governor*, 1979 and 1980. Constructed econometric model of the state of Tennessee employing non-linear transformations of both dependent and independent regression variables (Box-Cox Model).

### **PUBLICATIONS**

#### **Books**

(with Morse). Governing Fortune: Casino Gambling in America, University of Michigan Press, February 2007.

(with Clark and Kosova). Changing Attitudes toward Economic Reform during the Yeltsin Era, published by Greenwood Press, Westbury, Connecticut (2003).

#### **Editor reviewed essays and articles:**

Nebraska Cattleman's Association. Article "Federal Reserve Policy, the Value of the U.S. Dollar and Agriculture Exports," forthcoming.

Farmland in Perspective. Article, "Agriculture Exports, Economic Growth and Farmland Prices," forthcoming.

### **Peer refereed publications**

#### **Journals**

"Have Casinos Contributed to Rising Bankruptcy Rates," *International Advances in Economic Research*, Fall, 2009, Vol. 15: pp. 456-469.

"The Contribution of Foreign Capital to U.S. Productivity Growth," *The Quarterly Review of Economics and Finance*, Vol. 47, July 2007, pp. 383-396.

"The Impact of Foreign Capital on State Economic Growth," *Economic Development Quarterly*, Vol. 18(3), August 2004, pp. 255-68.

"Women and the Internet: Is There an Economic Payoff?" *Communications of the Association for*

*Computing Machinery*, Sept. 2003, Vol. 46(9), pp. 160-166.

"Economic Well-Being and Popular Support for Market Reform in Russia," *Economic Development & Cultural Change*, Vol. 51(3), Spring 2003, pp. 753-768.

"Health Care Organizational Learning: Predicting Death in the ICU with Neural Networks," in *Health Care Management Science*, Vol. 5 2002, pp. 221-227.

(with Phillips). "How Information Technology Affects Wages: Evidence Using Internet Usage as a Proxy for IT Skills," *Journal of Labor Research*, Vol. XXIII(3), 2002, pp. 463-474.

"The Internet's Contribution to U.S. Productivity Growth," *Business Economics*, Vol. XXXVI, October 2001, pp. 32-42.

(with Phillips). "The Impact of Tax Incentives: Do Initial Economic Conditions Matter?" *Growth & Change*, Vol. 32 (Spring 2001), pp. 236-250.

(with Knudsen). "Evaluating Solvency Standards for State Unemployment Insurance Trust Funds," *Public Budgeting & Finance*, Vol. 19(4), March 2000, pp. 3-20.

(with Phillips). "Business Tax Incentives: Do They Contribute to Economic Disparity?" *Economic Development Quarterly*, Vol. 13(3), 1999, pp. 217-228.

(with Ramchandani). "Survival Prediction in the Intensive Care Unit: a Comparison of Neural Networks and Binary Logit Regression," *Socio-Planning Sciences*, Summer, 1998, pp. 189-198.

(with Phillips). "The Impact of Home Ownership on the Duration of Unemployment," *Review of Regional Studies*, Vol. 27(1), 1997, pp. 9-27.

(with Phillips). "The Impact of Economic Development Agency Spending on Employment and Income Growth," *Economic Development Quarterly*, Vol. 11(1), February, 1997, pp. 88-96.

(with Ramchandani). "Comparing Classification Accuracy of Neural Networks, Binary Logit Regression and Discriminant Analysis for Insolvency Prediction of Life Insurers." *Journal of Economics and Finance*, Fall 1995, Vol. 19(3), pp. 1-18.

(with Phillips). "The Effects of State and Local Taxes on Economic Development: A Meta Analysis." *Southern Economic Journal*, Vol. 62(2), October 1995, pp. 320-333.

(with Phillips). "State Employment Growth: The Impact of Taxes and Economic Development Agency Spending," *Growth and Change*, Summer, 1994, pp. 288-300.

"The Real Impact of a Point-of-Care Computer System on Intensive Care Unit Nurses," *Journal of Systems Management*, January/February, 1995, p. 43-47.

(with Paul and Wilheit). "Duration of Unemployment: Geographic Mobility and Selectivity Bias," *Review of Regional Studies*, Fall, 1994, pp. 127-142.

"The Impact of Infrastructure Spending on New Business Formation: The Importance of Economic Development Spending," *Review of Regional Studies*, Winter, 1994.

(with Vozikis). "High Tech Manufacturing: Firm Size, Industry Size and Population Density," *Small Business Economics*, April 1994, pp. 291-297.

(with Fletcher). "Forecasting with Neural Networks: An Application Using Bankruptcy Data," *Information & Management*, Spring, 1993, Vol. 24(1), pp. 159-167.

(with Campbell). "Logit Regression using Lotus 1-2-3." *Journal of Business & Entrepreneurship*, July, 1992, Vol. 4(2), pp. 89-99.

(with Whitten). "Forecasting with a Lotus Based Logit Regression Model," *The Journal of Business Forecasting*, Vol. 10(1), Spring, 1991, pp. 19-22.

(with Paul). "The Impact of Unemployment Insurance Benefits on the Probability of Migration of the Unemployed," *Journal of Regional Science*, August, 1990, Vol. 30 (3), pp. 349 -358.

(with Busbin and Dillon). "Improving Spreadsheet Control for Sales Managers Through the Use of Systems Development Life Cycle," *Journal of Personal Selling & Sales Management*, Summer, 1990, Vol. X, pp. 101-107.

(with Schroer). "The Use of Spreadsheet Packages in Industrial Engineering- The Case of Regression with Binary Dependent Variables," *Computers and Industrial Engineering*, V18(2), 1990, pp. 129-132.

(with Vozikis). "The Creation of Socioeconomic Data Sets and the Entity-Relationship Model," *International Journal of Computer Applications in Technology*, Vol. 4(1), 1991, pp. 1-5.

(with Dillon and Kendrick). "Management of Spreadsheet Application Development in Accounting," *The Woman CPA*, July, 1989, Vol. 51(3), pp. 20-24.

(with Schroer). "Design Considerations for a State Level Energy Data Base Management System,"

*Computers & Industrial Engineering*, Vol. 14 (4), 1988, pp. 441-453.

(with Vozikis and Mescon). "The State Rating Game: An Extension of the Grant/Thornton Index," *Southern Ohio Business Review*, Spring, 1990, Vol. 6(1), pp. 7-11.

(with Vozikis). "The Employment Impacts for a High Tech Community of Shifts in Spending from Defense/Space to Civilian Purposes," *Public Budgeting & Financial Management*, V2 (3), 1990, pp. 551-574.

(with Paul). "Union Membership, Economic Rents, and Migration Behavior," *Journal of Labor Research*, Vol XI (3), Summer, 1990, pp. 347-355.

(with Vozikis and Mescon). "The Impact of Venture Capital in a Regional Economy," *Business Perspectives*, Spring 1989, Vol. 2(3), pp. 35-36.

"Prior Geographic Mobility and Job Search Length," *Review of Regional Studies*, Winter, 1988-89, Vol. 18 (1), pp. 112-122.

(with Paul). "Age, Skill Level, and Mobility," *Atlantic Economic Journal*, Vol. XV(2), 1987, pp. 90-1.

(with Paul). "Age and Work Experience in the Migration Decision," *Journal of Human Resources*, Vol. 21(3), Summer, 1986 pp. 397-405.

"High Technology Employment in Selected U.S. Cities," *Alabama Business & Economic Journal*, Vol. 9(4), July 1986 pp. 25-34.

(with Schoening). "The Migration Propensities of Workers in High Tech Occupations," *Atlantic Economic Journal*, Fall, 1985, pp. 87-88.

(with Schoening). "Search Time, Unemployment and the Migration Decision," *Journal of Human Resources*, Fall, 1984 pp. 570-579.

(with Schoening). "A Projection of High Technology Demand and Supply for the State of Alabama," *Alabama Journal of Business and Economics*, July, 1984, pp. 13-25.

(with Chang). "Elasticities of Interstate Migration: Implications of Alternative Functional Forms," *Journal of Regional Science*, May 1983, Vol. 23(2), pp. 223-232.

(with Bjornstad). "Issues in the Use of Payments in Lieu of Taxes to Provide Nuclear Waste Facility Siting Incentives," *Radioactive Waste Management*, December, 1981, Vol. 2(2), pp.125-42.

### **Conferences chaired**

**March 12, 2001.** Rural Economic Development and the Digital Divide, conference of Congressional leaders, the Nebraska Governor, Nebraska Legislative leaders, business leaders and academics focusing on the impact of slow speed Internet access on the economic development of rural communities, Omaha, NE.

**Summer 2000.** Co-chaired the 1999-2000, Great Plains Economic Roundtable with the Center for the New West, Denver Colorado.

### **Refereed Published Proceedings**

"Prediction of Insolvency of Life Insurers Through Neural Networks," *Proceedings of the 8<sup>th</sup> European Conference on Information Systems*, Summer, 2000, Austria, Vienna, Vol. 2, pp. 850-57.

"The Impact of Internet Usage on Wages," *Proceedings of the 2000 International Applied Business Research Conference*, Puerto Vallarta, Mexico, March, 2000.

"Privatization in Eastern Europe and Economic Development," *Proceedings of the Eastern Management Association*, June, 1997, Dublin, Ireland, pp. 23-33.

(with Vozikis). "The Impact of a Federally Funded Hospital on the Economic Development of a Rural Indian Reservation," *1996 Proceedings of the Northeast Decision Sciences Institute*, St. Croix Virgin Island, pp. 225-227.

(with Ramchandani and Buelow). "Survival Prediction in the Intensive Care Unit: A Comparison of Neural Networks and Binary Logit Regression," *1994 Proceedings of the Decision Sciences Institute*, Honolulu, Hawaii, pp. 696-698.

(with Ramchandani and Buelow). "Measuring the Impact of Point-of-Care Computer Systems on the ICU Nurse," *1994 Proceedings of the Decision Sciences Institute*, Honolulu, HI, pp. 867-869.

(with Vozikis and Mescon). "A Double-Loop Learning: A Comparative Management and Management Education Model," *Proceedings of the Association of the Advancement of Policy, Research and Development in the Third World*, International Conference, Cairo, Egypt, Nov. 1993.

(with Fletcher). "Predicting Bankruptcy with a Back Propagation Neural Network," *Proceedings of the*

- 23<sup>rd</sup> *Annual Meeting of the Midwest Decision Sciences Institute*, Kansas City, MO, 1992, pp. 76-78.  
 (with Grantham). "Technology Transfer and Data Storage Methodologies," *Proceedings of the Mid-South Academy of Economics and Finance*, Jackson, MS., 1990, pp. 693-703.  
 (with Mescon, Vozikis and Ralston). "An Extension of the Grant/Thornton Index," *Proceedings of The U. S. Association for Small Business and Entrepreneurship*, Annual Meeting, Orlando, Fall 1990, p. 278.  
 (with Vozikis and McGruder). "Organizational Information Systems Spending and Company Performance," *Proceedings, Decision Sciences Institute*, 1989, p. 698.  
 "The Relationship between Unemployment Rates and the Probability of Out-Migration: The Importance of Unemployment Compensation," *Programs Abstracts Directory*, Northeast Regional Science Association, 1989.  
 (with Vozikis). "Organizational Information System Intensity: The Importance of Market Share and Profitability," *Proceedings and Abstracts of the Seventeenth Annual Meeting of Western DSI Conference*, Kailua-Kona, Hawaii, 1988, page 316.  
 (with Richardson). "Paradigms and Growth of the MIS Discipline: An Opposing View," *Proceedings of the 1986 International Interdisciplinary Consortium on Information Systems*, San Diego, Ca., pp. 38-48.  
 (with Vozikis). "Defense/Space Expenditures: An Input-Output Analysis," *Proceedings and Abstracts of the Seventeenth Annual Meeting of Western Decision Sciences Institute*, Kailua-Kona, HI, 1988, page 359.  
 (with Whitten and Sundaryier). "Multivariate Reliability Modeling Using Expert Systems," *Proceedings of the Conference on Artificial Intelligence for Space Applications*, Fall 1986, pp. 39-46.  
 "A Queuing Program for the Selection of the Optimum Number of Nodes in a Local Area Network," *1985 Proceedings of the International Business Schools Computer Users Group*, Summer, 1985, Atlanta, Ga.  
 "Queuing Program to Simulate Unemployment in the Local Labor Market," *Proceedings and Abstracts American Institute for Decision Sciences Western Regional Conference*, 1985, pp. 14-16.  
 (with Chang). "Functional Forms and the Determinants of Interstate Migration in the United States," *American Statistical Association 1981 Proceedings: Business and Economic Statistics Section*, Detroit, MI, 1981, pp. 412-17.

### **Cases, Abstracts, Book Reviews Chapters in Books**

- "Network Applications in the Insurance Industry," *Mathematics and Computers in Science and Engineering*, Edited by C.E. D'Attellis, et al. World Scientific Engineering Society Press, Athens, Greece, New York, NY, 2001, pp. 247-252.  
Bidding for Business: The Efficacy of Local Economic Development Incentives in a Metropolitan Area, Book Review in *Urban Studies*, June 2001, Vol. 38(7), pp. 1193-1194.  
 (with Vozikis and Mescon), "Mud Island," Case and instructor notes in *Business Policy and Strategy*, by Paul Shrivastava, South-Western Publishing Co., 1994, pp. 593-609.  
 (with Fletcher). "Neural Networks in Regional Science: An Application Using Migration Data," *Proceedings of 38th North American Meeting of Regional Science Association*, 1991, p. 38.  
 (with Vozikis and Mescon). "Technical Factors Affecting International Information and Technology Transfer," in *Global Issues of Information Technology Management*, Lexington Books, 1991, pp. 450-464.  
 (with Vozikis and Mescon). "Mud Island," Case and instructor notes in *Strategic Management Texts & Cases* by Peter Wright, Charles Pringle, and Mark Kroll, Allyn and Bacon, 1992, pp. 891-911.  
 (with Vozikis and Schroer). "Regional High-Tech Location & Development Strategies and Agglomeration Economies," *Abstracts of 49th Annual Meeting of the Academy of Management Meeting*, Washington, D. C., August, 1989, page 445.  
 (with Vozikis). "Venture Creation in High vs. Low Tech Regions: An I/O Impact Analysis. *Abstracts of the 1987 Meeting of the American Academy of Management*, New Orleans, page 380.  
 (with Paul). "Age and Work Experience in the Decision to Migrate," *Journal of Economic Literature Selected Abstracts*, June 1987, Vol. XXV, pp. 1202-1203.  
 (with Schoening). "Search Time, Unemployment and the Migration Decision." *Journal of Economic Literature Selected Abstracts*, June 1985, page 1050.

### **Other Publications & Research Reports**

- "Top Economists Tinker with Their Projections," Ernie Goss, CFO Magazine, December 1, 2010.



"Inflation Fueled by Fed," Ernie Goss, Ingram's Magazine, December, 2010.

"Rural Mainstreet Banks at Risk," *Ingram's Magazine*, April 2009, pp. 71-75.

"Entrepreneurship and Business Incubation: A Model for Economic Development in the 1990s," *Portfolio, Annual Edition 1992*, Creighton University, pp. 9-12.

"Putting the Fizz in NAFIS," *Research Report 91-001*, produced for NASA's Marshall Space Flight Center in partial fulfillment of Faculty Research Fellowship, 1991.

"Industrial Development Strategies for the South Mississippi Economic Area," Research Report 90-002, produced in partial fulfillment of contract to Center for Community & Economic Development, University of Southern Mississippi.

"NAFIS Systems Development Methodology," *Research Report 90-001*, produced for NASA's Marshall Space Flight Center in partial fulfillment of Faculty Research Fellowship, 1990.

(with Kendrick). "Tennessee Senatorial Survey," *Research Report 89-001* produced for the AFL/CIO and Tennessee Education Association as partial fulfillment of contract, Summer 1989.

"Environmental Tracking Study, Minneapolis, Minnesota," *Research Report 89-002* produced for KBLCOM Inc. of Houston, Texas as partial fulfillment of contract, 1989.

(with Kendrick). "Environmental Tracking Study, Portland, Oregon," *Research Report 89-003* produced for KBLCOM Inc. of Houston, Texas as partial fulfillment of contract, 1989.

(with Kendrick). "Data Management for the Business Enterprise Using Rbase for DOS," Database manual produced for training sessions in database, 1989.

"Investment in Delmarva: An Input-Output Analysis," Center for Business and Economic Research, *Research Report No. 88-01001*, Salisbury State University, 1988.

(with Schroer). "Design Considerations for a State Energy Data Base Management System," *UAH Research Report No. 596*, March 1987.

(with Siegrist and Yarbrough). "Development of Predictive Models from Hardware Historical Failure Data," *UAH Research Report No. 500*, 1986 Contract Report--Rockwell International.

"High Technology Employment in Huntsville and Selected U.S. Cities," *UAH Research Report No. 449*, 1985, Center for High Technology Management & Economic Research, University of Alabama/Huntsville.

(with Vozikis). "The Impact of the Space Station on the Huntsville Economy," Contract Report, McDonnell-Douglas Aircraft, January 1987.

(with Schoening). "A Projection of High Tech Manpower Demand and Supply for the State of Alabama and the Huntsville Metropolitan Area," *UAH Research Report No. 396*, 1984, The Center for High Technology Management and Economic Research, The University of Alabama in Huntsville.

"The Solar Factory," business simulation program written for & copyrighted-Johnson Research Center.

## ACADEMIC PAPERS PRESENTED

### **National and International**

"Gambling Law and Economics," presented at LSPI, 2006, Hamburg, Germany, 2006.

"Using Neural Networks to Predict Insurance Company Failure," presented to the Eastern Decision Sciences Annual Meeting, July 2000, Vienna, Austria.

"The Impact of State Economic Development Agency Spending on Economic Growth," invited paper presented to the *National Association of State Development Agencies*, 50th Anniversary Mid-Year Directors' Meeting, Fall, 1996, Cleveland, Ohio.

"Entrepreneurship in Eastern Europe: Is There Hope?" European International Business Association, 17th Annual Conference, Copenhagen, Denmark, Dec. 1991.

"An Extension of the Grant/Thornton Index," U. S. Association for Small Business and Entrepreneurship, Annual Meeting, Orlando, Fall 1990.

"Organizational Information Systems Spending and Company Performance," presented at the 20th Annual Meeting of the Decision Sciences Institute, November, 1989, New Orleans, LA.

"Regional High-Tech Location & Development Strategies and Agglomeration Economies," presented at 47th Annual Meeting of the Academy of Management, August, 1989, Washington, D. C.

"Mud Island," case presented at the 1988 Meeting of the Decision Sciences Institute, Las Vegas, NV.

"Venture Creation in High vs Low Tech Regions: An I/O Impact Analysis," presented at the 1987 Academy of Management Meetings, New Orleans, LA.

"An Expert System for Multi-Variable Reliability Modeling," presented at the 1986 Conference on Artificial Intelligence for Space Applications, Huntsville, Ala.

"Paradigms and Growth of the MIS Discipline: An Opposing View," presented at the 1986 International Interdisciplinary Consortium On Information Systems, San Diego, CA.

"A Queuing Program for the Selection of the Optimum Number of Nodes in a Local Area Network," presented at the 1985 Meeting of the International Business Schools Computer Users Group, Atlanta, GA.

"Functional Forms and Determinants of Interstate Migration in the United States," presented at the 1981 Annual Meeting of the American Statistical Association, Detroit, MI.

## **Regional**

"The Impact of Casinos on County Bankruptcy Rates," presented at the 44<sup>th</sup> annual meeting of the Southern Regional Science Association, Spring 2004, New Orleans, LA.

"The Impact of Foreign Capital on Productivity," presented at the 42<sup>nd</sup> annual meeting of the Southern Regional Science Association, Spring 2002, Washington, D.C.

"Internet Usage and Wage Growth," presented to the 41<sup>st</sup> annual meeting of the Southern Regional Science Association, Spring 2001, Austin, Texas.

"The Impact of the Internet on Wages," presented to the 40<sup>th</sup> Annual meeting of the Southern Regional Science Association, Spring 2000, Miami, Florida.

"Determining the Optimal Size of State Unemployment Insurance Trust Funds," presented at the 37<sup>th</sup> Annual Meeting of the Southern Regional Science Association, Spring, 1998, Savannah, GA.

"State and Local Business Tax Incentives: Effects of Intrastate Rivalries," presented at the 36<sup>th</sup> Annual Meeting of the Southern Regional Science Association, Spring, 1997, Memphis, TN.

"Is There a Border State Tax Effect?" presented at the Annual Meeting of the Mid-West Economics Association Meeting, Spring 1996, Chicago, IL.

"Predicting Employment Growth with a Neural Network," presented at the 35<sup>th</sup> Annual Meeting of the Southern Regional Science Association, Baltimore, Maryland, Spring 1996.

"The Impact of a Federally-Funded Hospital on the Economic Development of a Rural Indian Reservation," accepted for presentation at the Northeast Decision Sciences Institute, Spring 1996, St. Croix, Virgin Islands.

"Business Tax Incentive Packages: A Comparison of Assessment Methodologies Among the States," at Mid-South Academy of Economics and Finance, Atlanta, Winter, 1996.

"The Impact of Border State Taxes on State Economic Growth," at Mid-Western Association of Economics and Finance, Chicago, Winter, 1996.

"Housing and Economic Development: Is There a Connection?" presented at the 26<sup>th</sup> Annual Meeting of the Mid-Continent Regional Science Association, St. Louis, MO, June 1995.

"The Impact of State Economic Development Agency Spending on Employment and Income Growth" presented at the 34<sup>th</sup> Annual Meeting of the Southern Regional Science Association, April 1995, San Antonio, Texas.

"Searching for a Job: The Impact of Geographic Mobility on Estimates of Racial Discrimination," 25<sup>th</sup> Annual Meeting of the Mid-Continent Regional Science Association, Chicago, IL, June 1994.

"The Effects of State Taxes on Economic Development: A Meta Analysis," Southern Regional Science Association, Orlando, FL, April 1994.

"The Impact of State Economic Development Agency Spending on Economic Growth" presented at the 32<sup>nd</sup> Annual Meeting of the Southern Regional Science Association, April 1993, Washington, D.C.

"Indigenous Business Development: A New Paradigm of State Economic Development," presented at the 31<sup>st</sup> Annual Meeting of the Southern Regional Science Association, April 1992, Charleston, SC.

"The Impact of State Business Incubation Programs on Business Startups and Employment Growth: The Problem of Selectivity Bias," presented at the 30<sup>th</sup> Annual Meeting of the Southern Regional Science Association, April 1991, Miami, FL.

"Value Added in High Tech Manufacturing: The Importance of Firm Size, Industry Size and Population Density," presented at the 1990 Annual Meeting of the Southern Regional Science Association,

Washington, D.C.

"The Relationship between Unemployment Rates and the Probability of Out-Migration: The Importance of Unemployment Compensation," presented at the 1989 Annual Meeting of the Northeast Regional Science Association Boston, Mass.

"Organizational Information Systems Intensity: The Importance of Market Share and Profitability," presented at the 1988 Meeting of the Western Decision Sciences Institute, Kailua- Kona, Hawaii.

"Unions, Economic Rents and Migration Behavior," presented at the 1988 Meeting of the Southern Regional Science Association, Morgantown, West Virginia.

"The Simultaneous Determination of Job Search Length and the Probability of Migration," presented at the 1987 Southern Regional Science Meetings, Atlanta, GA.

"Multi-Variable Reliability Modeling for the Space Shuttle," presented at the 1986 Meeting of Technical and Business Exhibition & Symposium, Huntsville, Ala.

"The Impact of Age, Education, and Job Search on Distance Migrated," presented at the 1985 Annual Meeting of the Southern Regional Science Association, Washington, D.C.

"A Queuing Program to Simulate Unemployment in the Local Labor Market," presented at the 1985 Annual Conference of Western American Institute of Decision Sciences, Monterey, CA.

"High Technology Occupations and the Decision to Migrate," presented at the 1984 Annual Meeting of the Southern Regional Science Association, Orlando, FL.

"The Internal Labor Market Model and Geographic Mobility," presented at the 1984 Annual Meeting of Eastern Economic Association, New York, New York.

"Functional Forms and Determinants of Interstate Migration in the United States," presented at the 1981 Annual Conference of the Western Economic Association, San Francisco, CA.

### **INVITED PRESENTATIONS, July 1, 2011-June 30, 2012 (other years on request):**

July 1, 2013 – June 30, 2014. Presentation to MidWest International Trade Association, Omaha, NE. July 10, 2013. Presentation to Duncan Aviation Management Group, Lincoln, NE. July 22, 2013. Presentation to Nebraska Educators, Omaha, NE. August 5, 2013. Presentation to Illinois Banker Group, Springfield IL. August 9, 2014. Presentation to Iowa Engineers & Architects, Dubuques, IA. August 28, 2013. Presentation to Corn Producers Wholesale meeting, Ankeny, IA. September 11, 2013. First National Bank Credit Risk Group, Omaha, NE. September 27, 2013. Presentation to Financial Planning Association, Quarry Oaks, NE. October 9, 2013. Presentation to Iowa Mortgage Association, West Des Moines, IA. October 10, 2013. Presentation to the Iowa Racing and Gaming Commission, Dubuque, IA. October 15, 2013. Presentation to Iowa Community Bankers Association, Algona, IA. October 16, 2013. Presentation to Iowa Community Bank Summit, West Des Moines, IA. October 17, 2013. Presentation to Marcotte Insurance Group, Omaha, NE. October 25, 2013. Presentation to United Bankers Bank, Minneapolis, MN. October 21, 2013. Presentation to Federal Home Loan Bank Group, Des Moines, IA. October 22, 2013. Presentation to Union Bank Fall Economic Forum, Lincoln, NE. October 23, 2013. Presentation to Great Western Bank Client Economic Forum, Omaha, NE. November 5, 2013. Presentation to Five Points Board of Directors, Omaha, NE. November 21, 2013. Presentation to Kansas City Institute for Supply Management, Kansas City, MO. . December 5, 2013. Presentation to Topeka/Washburn University Economic Forum, Topeka, KS. December 11, 2013. Presentation to Omaha Downtown Rotary Club, Omaha, NE. December 13, 2013. Panel member on Iowa Press, Des Moines, IA. January 23, 2014. Presentation to ACG Nebraska Chapter Executives, Omaha, NE. February 6, 2014. Presentation to Nebraska Cooperatives, Lincoln, NE. February 7, 2014, Present findings from Omaha Chamber study to Nebraska Legislative committee, Lincoln, NE. February 13, 2014, Presentation to Scott County Iowa Board of Supervisors Economic Development Summit, Davenport, IA. February 13, 2014, Presentation to American Procurement and Inventory Control Society, Omaha, NE. February 24, 2014, Presentation to Bayer Ag Division, Charleston, SC. February 25, 2014, Presentation to Institute for Supply Management-St. Louis, St. Louis, MO. March 6, 2014, Presentation to Greater Fort Dodge, Economic Alliance, Fort Dodge, IA. March 7, 2014, Presentation to Nebraska LEAD, Omaha, NE. March 18, 2014, Presentation to First National Bank of Phillipsburg Client Group, Phillipsburg, KS. March 25, 2014, Presentation to Senator Johanns Staff, Omaha, NE. April 10, 2014, Presentation to South Dakota Ag Credit Conference, Pierre, SD. April 17, 2014, Presentation to Leadership Omaha,, Omaha, NE. April 17, 2014, Presentation to Performance Banking Group, Sioux Falls, SD. June 5, 2014, Presentation to the CFMA

Group, Omaha, NE. June 6, 2014, Presentation to Associated Builders and Contractors of Iowa, Riverside, IA. June 11, 2014, Presentation to Mid-American Energy's Customer Satisfaction Group, Davenport, IA. June 19, 2014, Presentation to BKD Financial Services Leadership Group, St. Louis, MO.

July 10, 2012: Testimony before the Lancaster County Commissioners (Nebraska). July 18, 2012: Appeared as guest on Market-to-Market, Iowa Public TV. July 25, 2012, Presentation to the Council Bluffs, Iowa Chamber of Commerce. July 27, 2012: Presentation to the Financial Management Association, Quarry Oaks, Nebraska. August 2, 2012: Presentation to Iowa banking group, Des Moines, Iowa. August 15, 2012: Presentation to Minnesota banking group, Quarry Oaks, Nebraska. August 16, 2012, Presentation to the Governor's Legislative Summit, Nebraska SAC Museum. August 27, 2012: Presentation to Federal Home Loan Banking Conference, Andover, Kansas. August 29, 2013, Presentation to Iowa Mortgage Annual Convention, West Des Moines, Iowa. Sept. 10, 2012: Presentation to Federal Home Loan Bank Meeting, Oklahoma City, Oklahoma. Sept. 18, 2012: Presentation to Client Banking Group, Orange City, Iowa. Sept. 24, 2012: Presentation to Federal Home Loan Bank Group, Fremont, Nebraska. Sept. 28, 2015: Presentation to Client banking group, Kansas City, Missouri. Oct. 9, 2012: Presentation to Great Western Bank Client Group, Omaha, Nebraska. Oct. 11, 2012: Presentation to Iowa Banking Group, Norwalk, Iowa. Oct. 23, 2012: Presentation to Minnesota Manufacturing Association, Minneapolis, Minnesota. Oct. 30, 2012: Presentation to the Bismarck Economic Development Alliance, Bismarck, North Dakota. Nov. 12, 2012: Economic Panelists, Nebraska Chamber of Commerce, La Vista, Nebraska. Nov. 14, 2012: Presentation to City State Bank Client Group, West Des Moines, Iowa. Nov. 27, 2012: Presentation to Iowa Farm Group, Ames, Iowa. Dec. 3, 2012: Presentation to Mid-America Economic Development Association, Chicago, Illinois. Jan. 4, 2013: Panel Member, Iowa Journal, Iowa Public TV, Des Moines, Iowa. Jan. 17, 2013: Presentation to Financial Executives Institute, Omaha, Nebraska. Jan. 31, 2013: Presentation to Nebraska Cooperatives, Lincoln, Nebraska. Feb. 5, 2013: Presentation to NAI FM Realty, Lincoln, Nebraska. Feb. 6, 2013: Presentation to Catholic Mutual Group, St. Petersburg, Florida. Feb. 21, 2013: Presentation to Limestone Producers Association, Coraville, Iowa. Feb. 26, 2013: Presentation to ISM-St. Louis, St. Louis, Missouri. March 1, 2013: Presentation to Nebraska Agriculture Leaders, Creighton University. March 11, 2013: Presentation to Frontier Cooperative, David City, Iowa. March 15, 2013: Presentation to the Senatorial group of Senator Johanns. March 19, 2013: Presentation to Celebrate Agriculture, Omaha, Nebraska. March 21, 2013: Presentation to Dewitt Banking Group, Davenport, Iowa. March 26, 2013: Presentation to the Bismarck/Mandan Chamber of Commerce, Bismarck, North Dakota. May 6, 2013: Presentation to the North Omaha Rotary, Omaha, Nebraska. May 17, 2013: Presentation to the Mid-West International Trade Association, Omaha, Nebraska.

## **EDITORIAL/REVIEW & OTHER ACTIVITIES**

### **Community Service and University Service (July 1, 2013 – June 30, 2014):**

1. Member of Peter Kiewit Foundation, Economic Development Panel.
2. Member & Co-chair of the United Way of Omaha Cabinet, Mental Health 2.
3. Member of Creighton University Budget & Planning process.
4. Member of the University of Nebraska Forecasting Panel.
5. Panel member at Creighton Business Symposium.
6. Panel member at conference on poverty, Nov. 14, 2013., Omaha, NE.
7. Panel member at Creighton University, Student Research.
8. Review College of Business Sabbatical requests.
9. Member of United Way World Café, Economic Development, Omaha, NE.

**Overview of previous years:** Received NABE's 2001 Edmund A. Mennis Contributed Paper Award; Named as Visiting Scholar at the Congressional Budget Office; Member of Federal Reserve Bank of Kansas City-Economic Roundtable 2003, 2004, 2005. Reviewer 2005-06: *Southern Economic Journal*, *Economic Development Quarterly*, *Review of Regional Studies*, *Journal of Developmental Entrepreneurship*, *Journal of Economics and Business*, Editor of *Economic Trends*, an economic newsletter produced three times per year examining economic factors in the Midwest. Member of Editorial Board-*Review of Regional Studies*. Referee for *Decision Sciences Institute*, *Journal of Regional Science*, *Regional Science Perspectives*, *Southern Economic Journal*, *The Review of Regional Studies*, *The Journal of Economics and Finance*. Selected as a participant in *Leadership Omaha*, 1996-97; Board of Directors for the *Omaha Rotary Club*, 1997-2000; President-elect of *Nebraska Purchasing Management Association*; Member of the *Applied Research Advisory Council* of the Applied Information Management Institute, Omaha, NE, 1992; Member of the *Nebraska Economic Forecasting Consensus Group*, 1995-2003, University of NE-Lincoln; Member of Omaha Chamber of Commerce *Business Research Council*, 1998-2000. Received the *Jim Cusick Award* by the NAPM-NE, February 2000. Member of United Way's Economic Development Committee (2001).



## Elizabeth H. Raphael, M.D. *Principal Engineer*

### Delta V Biomechanics

930 Commercial Street, Palo Alto, CA 94303

tel: 650.320.8800

fax: 877.819.1969

email: [raphael@deltavbio.com](mailto:raphael@deltavbio.com)

### Specialized Professional Competence

Emergency medicine, biomechanics, vehicular injury analysis, accident reconstruction, restraint system analysis, automotive crash worthiness, occupant kinematics, and computer analysis of human motion.

### Education

M.D. Wayne State University School of Medicine, Detroit, MI

S.B. Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, MA

### Experience

*Principal Engineer*, Delta V Biomechanics

*Managing Engineer*, Piziali and Associates, Inc.

*Clinical Associate Professor*, Department of Surgery, Stanford University School of Medicine

*Attending Emergency Physician*, Stanford University Hospital

*Attending Emergency Physician*, Detroit Medical Center

*Assistant Professor (Clinician Educator)*, Wayne State University School of Medicine

*Locum Tenens Emergency Physician*, Munson Medical Center

*Resident Physician*, Emergency Medicine, Wayne State University

*Research Engineer*, Department of Neurosurgery, Henry Ford Hospital

*Researcher*, Department of Orthopedic Surgery, Massachusetts General Hospital

*Engineering Externship*, Quality Assurance Department, Martin Marietta Aerospace

### Licenses and Board Certifications

- 1997 Licensed Physician in California
- 1995 Fellow of the American College of Emergency Physicians
- 1994 Certified Instructor of Advanced Cardiac Life Support
- 1993 Board Certification in Emergency Medicine, recertified 2003
- 1990 National Boards passed
- 1989 Certified Provider of Advanced Cardiac Life Support
- 1989 Certified Provider of Advanced Trauma Life Support

### Awards

- 2000 Society of Academic Emergency Medicine, Regional CPC Award
- 1987 American Heart Association, for research of aneurysm clips
- 1987 Henry Ford Hospital, scholarship for neurosurgery research
- 1984 Wunsch Foundation Silent Hoist and Crane Company Award, for an outstanding academic design project to dispose of biochemical waste
- 1984 The Estus H. Magoon Scholarship, for outstanding woman student at Massachusetts Institute of Technology

## Committee Appointments

Association for the Advancement of Automotive Medicine Scientific Program Committee  
Association for the Advancement of Automotive Medicine Board of Directors  
Detroit Receiving Hospital Emergency Department Domestic Violence Reduction Committee  
Wayne County Medical Society Task Force on Violence  
Michigan Partnership for the Prevention of Gun Violence  
Detroit Receiving Hospital Injury Prevention Committee  
Crittenton Hospital Emergency Department Review Committee

## Professional Memberships

Association for the Advancement of Automotive Medicine (AAAM)  
Society of Automotive Engineers (SAE)  
American College of Emergency Medicine (ACEP)  
Society of Academic Emergency Medicine (SAEM)

## Selected Publications and Presentations

Invited Lecture, "Recent Biomechanical Analyses Complicated by Obesity," University of Virginia Center for Applied Biomechanics, Charlottesville, VA, March 14, 2012.  
Grand Rounds, "Biomechanics and Mechanism of Injury," University of Virginia Emergency Medicine Conference Series, Charlottesville, VA, March 14, 2012.  
Invited Lecture, "Biomechanics, Fracture Mechanics and Mechanism of Injury," Stanford University Emergency Medicine Trauma Series, Stanford, CA, March 9, 2011.  
Lecture, "Drowning, Near-Drowning and Submersion Injury," Emergency Residents Conference, Stanford University, Stanford, CA November 7, 2010.  
Invited Lecture, "Automotive Trauma," Emergency Nurses Association Meeting, Palo Alto, CA, September 16, 2010.  
Director, Biomechanics Course, Association for the Advancement of Automotive Medicine, 52<sup>nd</sup> Annual Conference, San Diego, CA October 4-5, 2008.  
Piziali, R. L.; Fox, J. C.; Girvan, D. S.; Raphael, E. H., and Ridenour, J., "A Review and Analysis of the Performance of Laminated Side Glazing in Rollover Accidents," *Society of Automotive Engineers International Congress and Exposition Paper No. 2007-01-1166*, Detroit, MI, April 16-19, 2007.  
Raphael, E.; Piziali, R.; Le, H.; Hinger, J.; Cooper, E., and Croteau, J., "Physical Evidence Associated With Seatbelt Entanglement During A Collision," *Society of Automotive Engineers International Congress and Exposition, Paper No. 2007-01-1501*, Detroit, MI, April 16-19, 2007.  
Invited Lecture, "Rollover Motor Vehicle Crash Injury Patterns", Emergency Medicine Conference Series, Wayne State University, Detroit MI, April 19, 2007.  
Invited Lecture, "Rollover Motor Vehicle Crashes," Emergencies in Medicine, 24<sup>th</sup> Edition, sponsored by the Michigan Chapter of the American College of Emergency Physicians, Park City, UT, March 3, 2006.  
Symposium, Traffic Collision Types and Associated Injuries, 49<sup>th</sup> Annual Conference, Association for the Advancement of Automotive Medicine, Cambridge, MA, September 11, 2005.  
Invited Lecture, "Motor Vehicle Crash Injury Patterns," Emergencies in Medicine 23<sup>rd</sup> Edition, sponsored by the Michigan Chapter of the American College of Emergency Physicians, Park City, UT, March 8, 2005.  
Invited Lecture, "Crash Scene Investigations: The Real CSI," 52<sup>nd</sup> Annual Detroit Trauma Symposium, sponsored by Wayne State University School of Medicine, Dearborn, MI, November 11, 2004.  
Invited Lecture, "Crash Scene Investigations: The Real CSI," Emergency Medicine Conference Series, Wayne State University, Detroit, MI, November 11, 2004.  
Invited Lecture, "Motor Vehicle Crash Injury Patterns," 22<sup>nd</sup> Annual Emergencies in Medicine Conference, sponsored by Wayne State University, Park City, Utah, March 5, 2004.

Stanford Winter Semester Lecture, "Biomechanics: Understanding the Human Machine (ME 01)," Stanford University, Stanford CA, Jan. 7 - March 11, 2002.

UC Berkeley Extension Course, "Biomechanics for Scientists and Engineers," University of California at Berkeley (San Francisco Center), CA, November 2001.

Invited Presentation, "Occupant Kinematics and Injury Biomechanics in Rollover Accidents, American Society of Mechanical Engineers, San Francisco Section Meeting, October 2001.

Lecture, "Mechanism of Injury", San Mateo County Field Care Audit, Stanford University, Stanford, CA, February 21, 2001.

Lecture, "Mechanism of Injury - Did you Get T-boned to the Hip Bone?", Thirteenth Annual Trauma Symposium, Stanford Hospital and Clinics, Stanford, CA, July 24-25<sup>th</sup>, 2000.

Stanford Summer Semester Course: Biomechanics: Understanding The Human Machine (ME 01), Stanford, CA, June 19 - July 24, 2000.

Lecture, Mechanism of Injury: The Key to Trauma Care, Stanford Emergency Medicine Symposium, Kauai, HI, March 31, 2000.

Orthopedic Workshop: Splinting and Casting, Joint Reductions, Injections and Aspirations, Stanford Emergency Medicine Symposium, Kauai, HI, March 31, 2000.

Lecture, Orthopedic Emergencies, Stanford Medical Student Lecture Series, Stanford, CA, November 3, 1999.

"Anesthetic Methods for Reduction of Acute Shoulder Dislocations: A Prospective Randomized Study Comparing Intraarticular Lidocaine With Intravenous Analgesia and Sedation," *American Journal of Emergency Medicine*, Vol. 17, Number 6, pp. 560-570, October 1999.

Lecture, Abdominal Pain in the Emergency Department, Stanford Emergency Medicine Resident Orientation, Stanford, CA, July 13, 1999.

Grand Rounds Presenter, Motor Vehicle Crashes During Pregnancy, Stanford OB/GYN Department, Stanford, CA, May 5, 1999.

Lecture, Pedestrian Motor Vehicle Collisions, Stanford Emergency Medicine Conference Series, Stanford, CA, January 27, 1999.

Lecture, Biomechanics of Knee Injuries, Stanford Emergency Medicine Conference Series, Santa Clara, CA, September 16, 1998.

Grand Rounds Presenter, Biomechanics of Car Crashes, Stanford Emergency Medicine Conference Series, Stanford, CA, September 9, 1998.

Lecture, Abdominal Pain in the Emergency Department, Emergency Medicine Resident Orientation, Stanford, CA, July 9, 1998.

Lecture, Biomechanics of Car Crashes, Stanford Trauma Symposium Stanford, CA, October 29, 1997.

Lecture, Dive Medicine, Emergency Medicine Conference Series, Wayne State University, Detroit, MI, August 29, 1996.

Presenter, Intra-articular Lidocaine versus Intravenous Analgesia and Sedation for the Reduction of Acute Anterior Shoulder Dislocations, Michigan Emergency Assembly, Traverse City, MI, July 23, 1996.

Discussant, Case Presentation Competition, Society for Academic Emergency Medicine, Denver, CO, May 4, 1996.

Lecture, Biomechanics, Emergency Medicine Conference Series, Grace Hospital, Detroit, MI, April 25, 1996.

Testified, Michigan State House of Representatives, Transportation Committee, Lansing, MI, February 1, 1996.

Testified, Michigan State House of Representatives, Committee of Downriver Representatives, Ecorse, MI, January 29, 1996.

Lecture, Biomechanics, Emergency Medicine Conference Series, Wayne State University, Detroit, MI, November 30, 1995.

Faculty, Medicine for Engineering, seminar linking medicine and engineering, 39th annual conference, Assoc. for the Advancement of Automotive Medicine, Chicago, IL, October 15, 1995.



Testified, Michigan State House of Representatives, Republican Task Force for Traffic Safety, Warren, MI, May 28, 1995.

Discussant, Case Presentation Competition, Society of Academic Emergency Medicine, San Antonio, TX, May 1995.

Lecture, Focus on Neurology, Nursing Trauma Conference, Crittenton Hospital, Rochester, MI, January 27, 1995.

In Vitro Measurement of Micromotion Between an Artificial Hip Joint and the Host Bone, Bachelor's Thesis, MIT, 1985.

Residual Stresses and the Effects of Preferred Grain Orientation on Aluminum 2219 and its Stress Acoustic Constant, Presented at the American Institute of Aeronautical and Astronautical Engineers Symposium, 1984.



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## **Nathan T. Dorris, PhD, CPE President & Principal Consultant**

### **Professional Profile:**

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Nathan Dorris is a human factors specialist (ergonomist) with extensive professional experience in product safety and the evaluation of instructions, warnings and other safety communications. Dr. Dorris is a Principal Consultant for Dorris and Associates International, LLC. His primary responsibilities include the design and implementation of product safety research, including evaluations of human-machine interfaces as well as the usability and effectiveness of precautionary information. Dr. Dorris represents Dorris and Associates as a member of the ANSI Z535 main committee and he currently serves as the ANSI Z535.5 subcommittee chairman. The Z535 series of standards pertain to the design of warning signs, labels and various other safety communications.

Dorris and Associates have a wide variety of clients including private and public corporations, non-profit organizations, trade associations, state and federal governmental agencies, as well as defense and plaintiff's attorneys. Client services have been performed in the U.S., Canada, U.K., France, Germany, Spain, Belgium, Australia and Japan. Products manufactured and/or distributed by these clients range from automobiles and airplanes to everyday consumer products and children's toys.

Dr. Dorris is also an Affiliate Professor in the Industrial and Systems Engineering Department of Auburn University, where he has taught the graduate course in Human Factors Engineering (HFE).

### **Education:**

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B.S., Management, Georgia Institute of Technology; Atlanta, GA (1997)

M.S., Industrial and Systems Engineering, Auburn University; Auburn, AL (2004)

Ph.D., Industrial and Systems Engineering, Auburn University; Auburn, AL (2004)

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**Professional Affiliations & Service:**

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Certified Professional Ergonomist (CPE)

American National Standards Institute (ANSI) Z535 Main Committee and Z535.5 Chairman

Human Factors and Ergonomics Society (HFES)

American Society of Safety Professionals (ASSP)

Society of Automotive Engineers (SAE)

The Institute of Industrial Engineers (IIE)

National Safety Council (NSC)

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**Honors & Awards:**

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Auburn University Presidential Graduate Research Fellowship

National Institute for Occupational Safety and Health (NIOSH) Graduate Fellowship

Alpha Pi Mu Industrial Engineering Honor Society

2003 INFORMS Doctoral Colloquium Participant

Outstanding Presentation Award, 2003 Auburn University Graduate Research Forum

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**Publications & Reports:**

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Boelhouwer, E. J., Davis, J., Franco-Watkins, A., Dorris, N. T., and Lungu, C.(2013).Comprehension of hazard communication: Effects of pictograms on safety data sheets and labels. *Journal of Safety Research*, 46,September, 145-155.

Dorris, N.T. and Burke, K.A. (2011). Mandatory airbag warnings: An updated evaluation. In *Proceedings of the Society of Automotive Engineers International World Congress*, SAE 11B-0026. Warrendale, PA: Society of Automotive Engineers.

Burke, K.A., Dorris, N.T., and Dorris, J.A. (2010). Sunscreen Labeling and Warnings: A Human Factors Analysis. In *Proceedings of the 3<sup>rd</sup> International Conference on Applied Human Factors and Ergonomics*, Miami, FL.

Dorris, N.T., Valimont, R.B, and Boelhouwer, E.J. (2007). Eye Movements While Reading Degraded On-Product Warnings. In *Proceedings of the Human Factors and Ergonomics Society 51<sup>st</sup> Annual Meeting*, Santa Monica, CA: The Human Factors and Ergonomics Society.

Glasscock, N.F. and Dorris, N.T. (2006). Warning Degradation and Durability. Prepared for: *The Handbook of Warnings*, edited by M.S. Wogalter. A volume in the Human Factors and

Ergonomics Series (series editor: Gavriel Salvendy). Mahwah, NJ: Lawrence Erlbaum Associates (LEA).

Carnahan, B.J., Dorris, N.T., and Kuntz, L.A. (2005). Designing Anthropomorphic Symbols Using Interactive Evolutionary Design. *Information Design Journal and Document Design*, 13(3), pp. 179-190.

Dorris, N.T., Carnahan, B.J., Orsini, L, and Kuntz, L.A. (2004). Interactive Evolutionary Design of Anthropomorphic Symbols. In *Proceedings of the 2004 IEEE Congress on Evolutionary Computation (CEC)*. New York: The Institute of Electrical and Electronics Engineers.

Carnahan, B.J. and Dorris, N.T. (2004). User-Centered Symbol Design Through Human-Computer Collaboration. In *Proceedings of the Human Factors and Ergonomics Society 48th Annual Meeting*. Santa Monica, CA: The Human Factors and Ergonomics Society.

Dorris, N.T. and Davis, J. (2003). Testing the Effects of Degradation on Comprehension of Warnings. In *Proceedings of the Human Factors and Ergonomics Society 47th Annual Meeting*. Santa Monica, CA: The Human Factors and Ergonomics Society.

Davis, J. and Dorris, N.T. (2003). Current Status of Warning Systems in Forest Harvesting Equipment. USDA Forest Service Research Agreement No. SRS 02-CA-11330132-087.

Flynn, E., Dorris, N.T., Carnahan, B.J. and Holman, T. (2002) Medication Dispensing Errors in Community Pharmacies: A Nationwide Study. In *Proceedings of the Human Factors and Ergonomics Society 46th Annual Meeting*. Santa Monica, CA: The Human Factors and Ergonomics Society.

Dorris, A.L. and Dorris, N.T. (2001) Supporting the Warning Designer: An Automotive Case Study. In *Proceedings of the Human Factors and Ergonomics Society 45th Annual Meeting*. Santa Monica, CA: The Human Factors and Ergonomics Society.

Dorris, A.L. and Dorris, N.T. (2001). Mandatory Air Bag Warnings: A Human Factors Analysis of Their Development. SAE 2001-01-0046. Warrendale, PA: Society of Automotive Engineers.

## **Presentations & Seminars:**

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"The Future of Product Warnings: Some Questions Answered & Some Answers Questioned." American Equipment Manufacturers Product Safety & Compliance Seminar, St. Louis, MO. April 2015.

"Twenty-first Century Warnings in a Global World." Defense Research Institute Product Liability Conference, Washington, D.C. April 4, 2013.

"The Development of ANSI Z535.6: Presentation of Safety Messages in Collateral Materials." Invited Panel Member for Discussion at the Human Factors and Ergonomics Society 48<sup>th</sup> Annual Meeting. New Orleans, LA.

"Warning Systems in Logging Equipment." American Society of Safety Professionals (ASSP) Conference 2004, Las Vegas, NV.

"Identifying Relevant Symbol Design Criteria Using Interactive Evolutionary Computation." IEC Workshop at Genetic and Evolutionary Computation Conference (GECCO) 2004. Seattle, WA. June, 2004.

"Developing Safety Symbols for the Workplace through Interactive Evolutionary Design." American Industrial Hygiene Conference & Exposition (AIHce), Atlanta, GA. 2004

"Can Loggers Understand Degraded Warning Labels?" Council on Forest Engineering (COFE) 2004 Annual Meeting. Hot Springs, AR. April, 2004.

"Developing and Evaluating Warnings for Recreational Products." Defense Research Institute (DRI) Product Liability Conference. New Orleans, LA. February 2004.

"Equipment Warning Signs and Symbols." Alabama Cooperative Extension's 2003 Professional Logging Managers (PLM) Continuing Education Satellite Broadcast. Auburn, AL. July 24, 2003.

"The Use of Interactive Evolutionary Design (IED) to Facilitate Workplace Hazard Communication." IEC Workshop at Genetic and Evolutionary Computation Conference (GECCO) 2003. Chicago, IL. July 12, 2003.

"Current Status of Warning-Systems in Forest Harvesting Equipment." National Occupational Research Agenda (NORA) Symposium 2003: "Working Partnerships Research to Practice." Washington, D.C. June 23, 2003.

"How Deteriorated are Warnings Associated with Forest Harvesting Equipment?" Invited Presentation to the Society of Automotive Engineers (SAE) Committee on Forest Harvesting Equipment. Eugene, OR. February 19, 2003.

"Warning Design & Development: A Human Factors Perspective." Key Note Address of the Web Sling and Tie Down Association (WSTDA) Spring 2001 Meeting. San Antonio, TX. March 14, 2001.

# **EXHIBIT A**

# **DRAFT SUPPLEMENTAL QUESTIONNAIRE**

**RYSTA LEONA SUSMAN, both**  
**individually and as Legal Guardian of**  
**SHANE ALLEN LOVELAND, et al., Plaintiffs, v. THE GOODYEAR TIRE & RUBBER**  
**COMPANY, DEFENDANT**

**Juror Number** \_\_\_\_\_

**Name:** \_\_\_\_\_  
**First MI Last**

## **JUROR QUESTIONNAIRE**

This questionnaire is designed to obtain information from you with respect to your qualifications to sit as a juror in this case. Before the case can start, a jury must be selected. The judge and the people involved in the case need to know something about you in order to select jurors who can be fair to both sides. In order to move jury selection along as quickly as possible, the court has prepared this background questionnaire to be completed before you are called to the jury box. You should fill out this questionnaire by yourself without consulting any other person.

The questions on this form are designed to help the court and the lawyers learn something about your background and your views on issues that may be related to this case. The questions are not asked to invade your privacy, but to make sure that you can be a fair and impartial juror.

You should answer the questions honestly, carefully and completely. Please do not leave any questions blank. If a question does not apply to you, simply write N/A (for Not Applicable) in the space for the answer. If there is no response to a question, we will assume that you mistakenly skipped it and may ask you about it in court.

Since we need to make copies, please DO NOT write on the back of any page. If you need more room, continue at the bottom or side of the page or on the blank page at the end of the questionnaire. When you have completed the questionnaire, please give it to the attendant.

You may be asked follow-up questions later to clarify your answers. If there are questions that you would feel more comfortable answering in private, simply write “**private**” in the space provided for your answer and circle the question number. The follow-up questions on that topic will be held out of the presence of the other jurors. After you have finished the questionnaire, let the clerk know that you have circled one or more question numbers.

If you have trouble reading, understanding, or filling out this form, please let the court clerk know. If you do not understand a question, please write “I DO NOT UNDERSTAND” and the question will be explained to you in Court.

PLEASE REALIZE THERE ARE NO RIGHT OR WRONG ANSWERS.

Please complete the questionnaire and (hand to clerk/bailiff?) \_\_\_\_\_.

PLEASE REMEMBER YOU ARE ANSWERING THESE QUESTIONS UNDER PENALTY OF PERJURY. YOUR ANSWERS MUST BE TRUE AND COMPLETE.

1. Please tell me your gender:

1. Male          2. Female      3. Other

2. In which county do you live? \_\_\_\_\_

3. Is English your first language?

\_\_\_\_\_ Yes          \_\_\_\_\_ No

If no, what is your first language? \_\_\_\_\_

4. What is your current employment status?

1. Employed full time	5. Looking for work
2. Employed part time	6. Retired
3. Homemaker	7. Disabled
4. Full-time student	8. Other

5. What is your current occupation and who do you work for?

\_\_\_\_\_

\_\_\_\_\_

6. What is your marital status:

1. Single, never married  
2. Divorced, or separated  
3. Widowed  
4. Married

7. If applicable, what is your partner/spouse's current occupation and who does he/she work for?

\_\_\_\_\_

\_\_\_\_\_

8. What is the highest level of education you have completed?

1. Grade school  
2. High school graduate or GED  
3. Some college or junior college degree  
4. College degree  
5. Graduate degree (MA, MBA, JD, PhD, etc.)  
6. Technical, trade, or business school



9. What was your area of study? \_\_\_\_\_

10. What are your pastimes or hobbies?

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11. Do you belong to any social or volunteer clubs or organizations?

\_\_\_\_\_ Yes \_\_\_\_\_ No

If "Yes," which ones and describe any leadership positions you hold.

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12. What are your primary sources of news?

1. Internet. (Which websites?) \_\_\_\_\_)
2. TV/Cable news. (Which station(s)? \_\_\_\_\_)
3. Radio. (Which station(s)? \_\_\_\_\_)
4. Newspaper. Which one(s)? \_\_\_\_\_)
5. Social Media Sites (Facebook, Instagram, Twitter)
6. Podcast. Which one(s)? \_\_\_\_\_)
7. Any other? \_\_\_\_\_

13. Have you ever publicly commented on a news story online or written a letter to the editor of a news publication?

\_\_\_\_\_ Yes \_\_\_\_\_ No

If "Yes," what was the story about and what was your comment?

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14. Are you active on any social media sites?

\_\_\_\_\_ Yes \_\_\_\_\_ No

If “Yes,” what social media sites are you on?

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15. This case involves allegations that a tire manufactured by Goodyear was defectively designed and manufactured causing Shane Allen Loveland and Jacob Summers to sustain serious injuries. Have you heard of, or do you have any knowledge of, this case or its facts or circumstances?

If “Yes,” what did you hear and where did you hear it?

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16. The judge will instruct you that you are not permitted to share anything on social media about the case or your experience as a juror during the trial. Do you believe you may have difficulty following this instruction?

\_\_\_\_\_ Yes \_\_\_\_\_ No

17. The judge will instruct you that you are not permitted to do any outside research on the case, the attorneys, the parties, witnesses, the law, the judge, other jurors, or anything else. This includes online research of any type. Do you think you would have difficulty following that instruction?

\_\_\_\_\_ Yes \_\_\_\_\_ No

18. Have you, or anyone else close to you, ever been employed by Goodyear Tire and Rubber Company?

\_\_\_\_\_ Yes \_\_\_\_\_ No

If “Yes,” please describe who, the experience, and when this occurred.

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19. Have you, or anyone else close to you, ever been employed in any business that provides products or services to Goodyear Tire and Rubber Company?

\_\_\_\_\_ Yes \_\_\_\_\_ No

If "Yes," please describe who, the experience, and when this occurred.

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20. Do you have any employment, education, training, policy development, volunteer experience, or other experience in the following areas? (Check Yes or No for each.)

	Yes	No
Tire design, manufacture, re-treading, or sales		
Evaluation, review or investigation of claims		
A medical related job		
Investigation of people		
Law enforcement or investigation		
Attorney, law office or the court system		
Insurance		
Accident investigation or reconstruction		
Fire Department or paramedics		
Engineering		
Writing, proof reading or analysis of product warranties		
Care of the elderly or disabled		
Fine arts or music		
Education/Teaching		
Counseling or mental health		
Rehabilitation		

If "Yes," to any of the above categories, please describe:

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21. Have you ever served as a juror before?

\_\_\_\_\_ Yes \_\_\_\_\_ No

If "Yes," were you the foreperson?

\_\_\_\_\_ Yes \_\_\_\_\_ No

22. In a legal matter, have you (or anyone close to) you ever: (check all that apply)

\_\_\_\_\_ Filed a lawsuit or sued someone (been a plaintiff in a lawsuit)?  
\_\_\_\_\_ Been sued by someone (been a defendant in a lawsuit)?  
\_\_\_\_\_ Been a witness or an expert in a lawsuit?  
\_\_\_\_\_ Other involvement in a lawsuit (other than juror)

If “Yes,” please describe who, the experience, and the time frame of your experience.

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23. Have you ever used the services of a lawyer for any reason, other than divorce or criminal issues?

\_\_\_\_\_ Yes \_\_\_\_\_ No

If “Yes,” please describe who the attorney(s) were, and the time frame of your experience.

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24. Have you or anyone close to you ever sustained an injury you believed was due to someone else’s negligence, whether it was a person, a company or anyone else, even if you did not sue?

\_\_\_\_\_ Yes \_\_\_\_\_ No

If “Yes,” please describe your experience.

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25. Do you follow state and local politics? (Candidates, issues, trends) \_\_\_\_\_ Yes \_\_\_\_\_ No

26. Do you have any military experience? \_\_\_\_\_ Yes \_\_\_\_\_ No

27. Have you ever voted for or against a politician based on his/her views or policies towards the civil justice system?

\_\_\_\_\_ Yes \_\_\_\_\_ No

28. Do you hold any negative opinions about corporations, in general?

\_\_\_\_\_Yes \_\_\_\_\_No

29. Have you or any members of your family or close friends ever owned or operated your own business?

\_\_\_\_\_ Yes \_\_\_\_\_ No

30. How would you describe your knowledge of vehicles (circle the one that best applies)?

1. I know a lot about vehicles.
2. I know an average amount about vehicles.
3. I know very little about vehicles.

31. Do you, any members of your family, or close friends have any special knowledge of or experience in tire design, manufacturing, re-treading or repair?

\_\_\_\_\_ Yes \_\_\_\_\_ No

If “Yes,” please describe the experience, and the time frame of your experience.

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32. Have you, or any of your family members, or close friends ever owned a Goodyear tire?

\_\_\_\_\_Yes \_\_\_\_\_No \_\_\_\_\_Unsure

33. Have you ever suggested to another person that they should buy Goodyear tires, or requested Goodyear tires for your vehicle?

\_\_\_\_\_Yes \_\_\_\_\_No \_\_\_\_\_Unsure

34. Do you, for any reason, avoid using Goodyear brand tires?

\_\_\_\_\_Yes \_\_\_\_\_No

If “Yes,” please explain.

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35. Would any of your experiences with Goodyear products affect the way you viewed a case involving one of its tires?

☐ Yes ☐ No

If "Yes," please explain.

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36. Have you purchased used tires for your vehicle?

☐ Yes ☐ No

37. Do you drive a vehicle that is over 10 years old?

☐ Yes ☐ No ☐ Not sure

38. Have you ever had tires on your vehicle that were more than 10 years old?

☐ Yes ☐ No ☐ Not sure

39. Have you ever had an issue with a tire that you thought was defective?

☐ Yes ☐ No

If "Yes," please explain.

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40. Have you, or anyone else close to you, ever been employed in concrete manufacturing, concrete delivery, concrete pouring, concrete stamping, or concrete sales?

☐ Yes ☐ No

If "Yes," please describe who, the experience, and the time frame of your experience.

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**How much do you disagree or agree with the following opinions? Circle a number between 1 and 7, where 1 is “Disagree strongly” and 7 is “Agree strongly”. (You may use any number in between as well.)**

41. There are too many lawsuits.

Disagree Strongly 1 2 3 4 5 6 7 Agree Strongly

42. Corporations will sacrifice safety if it means making more money.

Disagree Strongly 1 2 3 4 5 6 7 Agree Strongly

43. Jury awards are too high.

Disagree Strongly 1 2 3 4 5 6 7 Agree Strongly

44. It is an important part of a jury’s job to send messages to the community and to corporations with its verdict.

Disagree strongly 1 2 3 4 5 6 7 Agree Strongly

45. I would have a hard time putting my sympathy aside in a case in which a person was seriously and permanently injured.

Disagree Strongly 1 2 3 4 5 6 7 Agree Strongly

46. People are too ready to sue.

Disagree Strongly 1 2 3 4 5 6 7 Agree Strongly

47. In a case in which an injured person is suing a big company, I would more likely root for the injured person.

Disagree Strongly 1 2 3 4 5 6 7 Agree Strongly

48. There should be strict rules for determining damages in personal injury lawsuits.

Disagree strongly 1 2 3 4 5 6 7 Agree Strongly

49. The justice system is rigged against the little guy.

Disagree strongly 1 2 3 4 5 6 7 Agree Strongly

50. Lawsuits are costing us all too much money.

Disagree Strongly 1 2 3 4 5 6 7 Agree Strongly

51. If someone is injured while using a company's product, that company should pay the injured person, regardless of the circumstances.

Disagree Strongly 1 2 3 4 5 6 7 Agree Strongly

52. Sometimes lawyers file lawsuits in an attempt to take unfair advantage of wealthy individuals or companies.

Disagree Strongly 1 2 3 4 5 6 7 Agree Strongly

53. If a case makes it all the way to a jury trial, the defendant must have done something wrong.

Disagree Strongly 1 2 3 4 5 6 7 Agree Strongly

54. Most drivers would be unable to control a vehicle if the tire lost its tread (not went flat, but lost its tread) at highway speed.

Disagree Strongly 1 2 3 4 5 6 7 Agree Strongly

55. If a tire loses tread, there must be something wrong with the way the tire was made.

Disagree Strongly 1 2 3 4 5 6 7 Agree Strongly

56. I am a safer driver than most other drivers.

Disagree Strongly 1 2 3 4 5 6 7 Agree Strongly

57. I would be able to control my vehicle even if a tire suddenly de-treaded (not just a flat tire).

Disagree Strongly 1 2 3 4 5 6 7 Agree Strongly

58. A tire should be designed to never lose tread regardless of how it is used or maintained.

Disagree Strongly 1 2 3 4 5 6 7 Agree Strongly

59. Most people never read warranties.

Disagree Strongly 1 2 3 4 5 6 7 Agree Strongly

60. Goodyear is a company you can trust to make safe products.

Disagree Strongly 1 2 3 4 5 6 7 Agree Strongly



**The following are types of damages people can seek money for in a lawsuit. If there was evidence for it, would you be willing to award money for...**

61. Medical expenses? ☐ Yes ☐ No  
62. Mental anguish? ☐ Yes ☐ No  
63. Pain and suffering? ☐ Yes ☐ No  
64. Loss of wages ☐ Yes ☐ No  
65. Punitive damages? ☐ Yes ☐ No

66. If a seriously and permanently injured person fails to prove a company is to blame for his injuries in a lawsuit, would you have difficulty giving a verdict in which the person receives no money?

☐ Yes ☐ No

67. Have you or any family members been involved in an injury automobile accident?

☐ Yes ☐ No

68. Have you or any family members had a serious accident because of a tire that blew out or de-treaded (as opposed to a tire going flat)?

☐ Yes ☐ No

69. Have you, a family member, or close friend, ever been a witness to a wreck because a tire blew out or de-treaded?

☐ Yes ☐ No

70. Have you or a member of your family ever been injured while using any kind of product, whether medical, mechanical, etc.?

☐ Yes ☐ No

If "Yes," were those injuries caused, at least in part, by something you believe was wrong with the product?

☐ Yes ☐ No

If "Yes," to either question above, please explain

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71. Do you support legislative proposals to place caps or limits on the amount of money juries can award?

☐ Yes ☐ No

72. Which of the following best describes your political affiliation?

- |                |                  |
|----------------|------------------|
| 1. Democrat    | 2. Republican    |
| 3. Independent | 4. Green party   |
| 5. Tea party   | 6. Other         |
| 7. None        | 8. Refuse to say |

73. Do you think of yourself as a liberal, a moderate or a conservative?

1. Liberal
2. Moderate
3. Conservative

74. What race or races do you consider yourself to be? The U.S. Census categories are:

- |  |                                     |
|--|-------------------------------------|
| 1. White (Caucasian)                         | 2. Black or African American        |
| 3. Asian                                     | 4. American Indian or Alaska Native |
| 5. Native Hawaiian or other Pacific Islander | 6. Hispanic/Mexican American/Latino |

75. Do you have significant uncorrected visual impairment that might prevent you from reading charts and materials from a distance?

\_\_\_\_\_Yes \_\_\_\_\_ No

If "Yes," please explain.

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76. Do you have any medical or physical problems, including any medications, that might affect your ability to serve as a juror?
- \_\_\_\_\_ Yes \_\_\_\_\_ No

If “Yes,” please explain

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77. In a court of law, everyone is seen as equal no matter who you are—even if you are a company. Do you feel you could not give a company the same consideration in a lawsuit as they would an individual?
- \_\_\_\_\_ Yes \_\_\_\_\_ No

78. In a civil lawsuit, the plaintiff who brings the lawsuit has the burden to prove his or her claims. As the judge will instruct you, the defense has no burden of proof. Do you have opinions about this law that you would still apply a burden of proof to the defendant company in this case?
- \_\_\_\_\_ Yes \_\_\_\_\_ No

79. Is there any reason at all (for example, religious, political or personal) that would make it difficult for you to be a fair and impartial juror in this case?
- \_\_\_\_\_ Yes \_\_\_\_\_ No

If “Yes,” please explain.

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80. Is there anything else the Court should know that might affect your ability to serve as a juror (e.g., emotional difficulties, concerns about the case subject, etc.)?

\_\_\_\_\_ Yes    \_\_\_\_\_ No

If “Yes,” please explain.

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81. Is there something that you would rather discuss in private with the Court?

\_\_\_\_\_ Yes    \_\_\_\_\_ No

82. Would you like to serve as juror in this case?

\_\_\_\_\_ Yes    \_\_\_\_\_ No

If “Yes,” please explain.

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*Please review the following list of people and organizations. If you or any of your family or close friends know or associate with anyone on this list, please circle who and explain how you know them below.*

<b>Rysta Leona Susman</b>	<b>Shane Allen Loveland</b>	<b>Jacob Summers</b>
<b>Larry Blair</b>	<b>Goodyear Tire &amp; Rubber Company</b>	<b>Dandee Concrete Construction Co. Inc.</b>
<b>Trooper Joseph Flasnack</b>	<b>Rob Gibson</b>	<b>Mary K. Gibson</b>
<b>Daniel T. Buser</b>	<b>Kramer's Towing</b>	<b>Action Care Ambulance Inc.</b>
<b>Wood River Rescue Unit</b>	<b>Good Samaritan EMS</b>	<b>Shelton Volunteer Fire &amp; Rescue</b>
<b>David Southwell</b>	<b>Micky Gilbert</b>	<b>Craig Lichtblau, MD</b>
<b>Bernard Pettingill, Ph.D.</b>	<b>Chris Cornett, MD</b>	<b>William Sorrell, MD</b>
<b>Kearney Towing &amp; Repair Center, Inc.</b>	<b>Jay Lawrence</b>	<b>Beale Robinson</b>
<b>Richard Olsen</b>	<b>Ray Young</b>	<b>Keith Trares</b>
<b>Madeline Komenic</b>	<b>Joseph Zekoski</b>	<b>James Stroble</b>
<b>Robert Altvater</b>	<b>Mark Grund</b>	<b>Yutaka Ito</b>
<b>Dr. Robert Crandall</b>	<b>Dr. Scott Smith</b>	<b>Joseph Grant</b>
<b>Stephen J. Fenton</b>	<b>Gray Beauchamp</b>	<b>Elizabeth Raphael</b>
<b>Alan Weintraub</b>	<b>Cathlin Vinett Mitchell</b>	<b>Ernest Goss</b>
<b>Nathan Dorris</b>	<b>Michael "Mike" Kerns</b>	<b>CHI Health Good Samaritan, Kearney, NE</b>
<b>Kearney Clinic, P.C.</b>	<b>Madonna Rehabilitation Hospital</b>	<b>Colorado Blood and Cancer Care</b>
<b>Learning Services Neurobehavioral Institute</b>	<b>Swedish Medical Center</b>	<b>Panorama Orthopedics &amp; Spine Center</b>
<b>Kearney Regional Medical Centre</b>	<b>Madonna Rehabilitation Hospital</b>	<b>University of Nebraska Medical Center</b>
<b>New West Sports Medicine and Orthopaedic</b>	<b>The Law Firm of Kaster, Lynch, Farrar &amp; Ball</b>	<b>The Law Firm of Schewebel, Goetz &amp; Sieben, P.A.</b>
<b>The Fraser Stryker Law Firm</b>	<b>The Law Firm of Greensfelder, Hemker &amp; Gale</b>	<b>The Law Firm of Baird Holm</b>
<b>The Law Firm of Yost &amp; Baill</b>	<b>Attorney Kyle W. Farrar</b>	<b>Attorney Wesley T. Ball</b>
<b>Attorney Paul Godlewski</b>	<b>Attorney Michael F. Coyle</b>	<b>Attorney Edward S. Bott, Jr.</b>
<b>Attorney Clark Hedger</b>	<b>Attorney Julianne M. Rodriguez</b>	<b>Attorney Jennifer D. Tricker</b>
<b>Attorney Nicole M. Kustermann</b>	<b>Robert X. Cringely</b>	<b>Paul Schenarts, MD</b>
<b>James Mahalek, MD</b>		

**Person**

**Nature of contact**

\_\_\_\_\_  
\_\_\_\_\_  
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**I affirm, under penalty of perjury, that I have given complete and honest answers to all of the questions above.**

\_\_\_\_\_  
**Signature**

\_\_\_\_\_  
**Date**